

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019916.D
 Acq On : 16 Oct 2024 15:30
 Operator : SY/MD
 Sample : VY1016SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Oct 17 01:53:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						10/17/2024
1) Pentafluorobenzene	7.713	168	193102	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	340127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	300330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	150193	50.000	ug/l	0.00
System Monitoring Compounds						10/17/2024
33) 1,2-Dichloroethane-d4	8.061	65	130935	55.069	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.140%	
35) Dibromofluoromethane	7.640	113	116315	51.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.640%	
50) Toluene-d8	10.103	98	390462	47.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.220%	
62) 4-Bromofluorobenzene	12.402	95	150643	50.300	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	39147	21.777	ug/l	100
3) Chloromethane	2.068	50	49706	21.245	ug/l	98
4) Vinyl Chloride	2.208	62	55982	21.744	ug/l	99
5) Bromomethane	2.599	94	37972	23.301	ug/l	95
6) Chloroethane	2.739	64	40030	23.144	ug/l	95
7) Trichlorofluoromethane	3.062	101	91224	23.812	ug/l	98
8) Diethyl Ether	3.452	74	27666	23.761	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.818	101	55116	24.734	ug/l	88
10) Methyl Iodide	4.007	142	44601	19.790	ug/l	91
11) Tert butyl alcohol	4.860	59	24357	117.115	ug/l #	85
12) 1,1-Dichloroethene	3.793	96	45071	21.757	ug/l #	80
13) Acrolein	3.659	56	18611	106.525	ug/l	96
14) Allyl chloride	4.385	41	85426	22.855	ug/l #	90
15) Acrylonitrile	5.061	53	69154	129.854	ug/l	97
16) Acetone	3.873	43	81981	132.453	ug/l #	80
17) Carbon Disulfide	4.110	76	95923	17.275	ug/l	98
18) Methyl Acetate	4.385	43	32849	24.637	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	141122	23.712	ug/l	92
20) Methylene Chloride	4.616	84	57040	24.531	ug/l #	81
21) trans-1,2-Dichloroethene	5.116	96	48509	21.515	ug/l	86
22) Diisopropyl ether	6.019	45	204286	25.092	ug/l #	90
23) Vinyl Acetate	5.964	43	567815	121.655	ug/l #	92
24) 1,1-Dichloroethane	5.921	63	108389	23.949	ug/l	96
25) 2-Butanone	6.903	43	110008	132.784	ug/l #	80
26) 2,2-Dichloropropane	6.890	77	90603	22.479	ug/l	93
27) cis-1,2-Dichloroethene	6.897	96	63908	22.936	ug/l	83
28) Bromochloromethane	7.244	49	46484	23.335	ug/l #	72
29) Tetrahydrofuran	7.268	42	59695	126.195	ug/l #	81
30) Chloroform	7.421	83	113194	24.536	ug/l	99
31) Cyclohexane	7.707	56	85908	21.624	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	95337	23.580	ug/l	95
36) 1,1-Dichloropropene	7.835	75	71333	22.060	ug/l	96
37) Ethyl Acetate	6.994	43	44390	26.327	ug/l	94
38) Carbon Tetrachloride	7.817	117	77692	22.412	ug/l	100
39) Methylcyclohexane	9.110	83	87008	21.356	ug/l #	88
40) Benzene	8.085	78	223476	22.836	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
 Data File : VY019916.D
 Acq On : 16 Oct 2024 15:30
 Operator : SY/MD
 Sample : VY1016SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1016SBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Oct 17 01:53:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.226	41	23568	25.826	ug/l	#	85
42) 1,2-Dichloroethane	8.158	62	67076	23.858	ug/l		94
43) Isopropyl Acetate	8.195	43	82951	24.123	ug/l	#	88
44) Trichloroethene	8.866	130	52225	22.034	ug/l		85
45) 1,2-Dichloropropane	9.140	63	58979	24.079	ug/l		98
46) Dibromomethane	9.231	93	32343	24.168	ug/l	#	87
47) Bromodichloromethane	9.427	83	85850	24.169	ug/l		99
48) Methyl methacrylate	9.225	41	36965	24.438	ug/l	#	80
49) 1,4-Dioxane	9.225	88	7077	472.492	ug/l	#	94
51) 4-Methyl-2-Pentanone	10.000	43	218638	124.657	ug/l		90
52) Toluene	10.170	92	139349	22.812	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	71035	22.226	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	86587	22.960	ug/l	#	87
55) 1,1,2-Trichloroethane	10.573	97	42681	24.207	ug/l		98
56) Ethyl methacrylate	10.439	69	57407	22.691	ug/l	#	72
57) 1,3-Dichloropropane	10.719	76	75879	24.506	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.707	63	157157	133.436	ug/l		93
59) 2-Hexanone	10.762	43	161191	128.674	ug/l		87
60) Dibromochloromethane	10.914	129	52932	23.390	ug/l		99
61) 1,2-Dibromoethane	11.018	107	37950	23.819	ug/l		99
64) Tetrachloroethene	10.646	164	45245	21.180	ug/l		94
65) Chlorobenzene	11.438	112	154010	22.420	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.518	131	53223	22.900	ug/l		96
67) Ethyl Benzene	11.518	91	275239	22.057	ug/l		99
68) m/p-Xylenes	11.627	106	201504	43.724	ug/l		90
69) o-Xylene	11.950	106	100440	22.684	ug/l		94
70) Styrene	11.969	104	167076	22.365	ug/l		95
71) Bromoform	12.133	173	27433	22.049	ug/l	#	97
73) Isopropylbenzene	12.255	105	268220	21.231	ug/l		97
74) N-amyl acetate	12.072	43	72649	21.712	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	51572	22.974	ug/l		96
76) 1,2,3-Trichloropropane	12.554	75	35893m	12.199	ug/l		
77) Bromobenzene	12.530	156	57887	21.593	ug/l		85
78) n-propylbenzene	12.591	91	336176	22.023	ug/l		96
79) 2-Chlorotoluene	12.676	91	190249	21.739	ug/l		94
80) 1,3,5-Trimethylbenzene	12.737	105	219200	21.485	ug/l		96
81) trans-1,4-Dichloro-2-b...	12.304	75	15077	20.684	ug/l	#	79
82) 4-Chlorotoluene	12.774	91	197197	22.038	ug/l		92
83) tert-Butylbenzene	12.993	119	203094	22.221	ug/l		96
84) 1,2,4-Trimethylbenzene	13.042	105	214033	21.160	ug/l		96
85) sec-Butylbenzene	13.176	105	297612	21.794	ug/l		98
86) p-Isopropyltoluene	13.292	119	239217	21.573	ug/l		96
87) 1,3-Dichlorobenzene	13.286	146	115724	21.376	ug/l		96
88) 1,4-Dichlorobenzene	13.365	146	113411	21.324	ug/l		95
89) n-Butylbenzene	13.615	91	240825	22.242	ug/l		97
90) Hexachloroethane	13.877	117	46153	21.375	ug/l		86
91) 1,2-Dichlorobenzene	13.658	146	102741	21.598	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7742	21.611	ug/l		77
93) 1,2,4-Trichlorobenzene	14.919	180	55467	20.795	ug/l		96
94) Hexachlorobutadiene	15.023	225	32355	21.818	ug/l		96
95) Naphthalene	15.145	128	105262	20.924	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	48186	21.371	ug/l		97

10/17/2024
 Supervised By :Semsettin
 Yesilyurt

10/17/2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101624\
Data File : VY019916.D
Acq On : 16 Oct 2024 15:30
Operator : SY/MD
Sample : VY1016SBS02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1016SBS02

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

Quant Time: Oct 17 01:53:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

10/17/2024
Supervised By :Semsettin
Yesilyurt

10/17/2024

