

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020032.D
 Acq On : 28 Oct 2024 11:02
 Operator : SY/MD
 Sample : VY1028SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/29/2024
 Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 29 01:54:31 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						
1) Pentafluorobenzene	7.713	168	200597	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	351453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	295814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146119	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	116184	47.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.640	113	115393	49.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.520%
50) Toluene-d8	10.109	98	403213	47.080	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.407	95	145427	46.994	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	31035	16.619	ug/l	91
3) Chloromethane	2.074	50	39667	16.321	ug/l	93
4) Vinyl Chloride	2.208	62	45770	17.113	ug/l	99
5) Bromomethane	2.598	94	32052	18.933	ug/l	99
6) Chloroethane	2.738	64	33863	18.847	ug/l	97
7) Trichlorofluoromethane	3.062	101	75032	18.854	ug/l	97
8) Diethyl Ether	3.458	74	23615	19.524	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.818	101	46136	19.930	ug/l	92
10) Methyl Iodide	4.013	142	35722	15.258	ug/l	89
11) Tert butyl alcohol	4.872	59	20354	90.519	ug/l #	84
12) 1,1-Dichloroethene	3.799	96	37980	17.649	ug/l	85
13) Acrolein	3.659	56	13547	74.643	ug/l	100
14) Allyl chloride	4.397	41	75573	19.463	ug/l #	88
15) Acrylonitrile	5.067	53	61356	110.906	ug/l	95
16) Acetone	3.872	43	81133	126.186	ug/l #	84
17) Carbon Disulfide	4.116	76	60198	10.436	ug/l	100
18) Methyl Acetate	4.397	43	29007	20.943	ug/l #	87
19) Methyl tert-butyl Ether	5.122	73	130479	21.104	ug/l	96
20) Methylene Chloride	4.622	84	48334	19.859	ug/l #	82
21) trans-1,2-Dichloroethene	5.122	96	40487	17.286	ug/l	93
22) Diisopropyl ether	6.024	45	192184	22.723	ug/l	92
23) Vinyl Acetate	5.970	43	515221	106.262	ug/l #	89
24) 1,1-Dichloroethane	5.927	63	101708	21.634	ug/l	94
25) 2-Butanone	6.896	43	103284	120.010	ug/l #	82
26) 2,2-Dichloropropane	6.890	77	86311	20.614	ug/l	94
27) cis-1,2-Dichloroethene	6.896	96	60239	20.812	ug/l	84
28) Bromochloromethane	7.250	49	45912	22.187	ug/l #	71
29) Tetrahydrofuran	7.262	42	51566	104.937	ug/l #	81
30) Chloroform	7.427	83	108831	22.709	ug/l	97
31) Cyclohexane	7.707	56	70435	17.067	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	88545	21.082	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	65595	19.632	ug/l	93
37) Ethyl Acetate	6.988	43	39591	22.724	ug/l #	92
38) Carbon Tetrachloride	7.823	117	73988	20.656	ug/l	98
39) Methylcyclohexane	9.115	83	71437	16.969	ug/l	85
40) Benzene	8.085	78	203054	20.081	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020032.D
 Acq On : 28 Oct 2024 11:02
 Operator : SY/MD
 Sample : VY1028SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 10/29/2024
 Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 29 01:54:31 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	7.232	41	22072	23.407	ug/l #	83
42) 1,2-Dichloroethane	8.164	62	62181	21.404	ug/l	95
43) Isopropyl Acetate	8.201	43	73461	20.675	ug/l #	90
44) Trichloroethene	8.872	130	46482	18.979	ug/l	86
45) 1,2-Dichloropropane	9.146	63	55584	21.962	ug/l	99
46) Dibromomethane	9.237	93	28598	20.681	ug/l	89
47) Bromodichloromethane	9.426	83	83153	22.655	ug/l	98
48) Methyl methacrylate	9.225	41	32581	20.846	ug/l #	81
49) 1,4-Dioxane	9.231	88	6247	403.636	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	205440	113.357	ug/l	89
52) Toluene	10.176	92	129047	20.445	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	67431	20.418	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	80401	20.633	ug/l #	83
55) 1,1,2-Trichloroethane	10.572	97	40089	22.004	ug/l	92
56) Ethyl methacrylate	10.438	69	54665	20.911	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	69809	21.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	130240	107.019	ug/l	92
59) 2-Hexanone	10.761	43	158319	122.309	ug/l	86
60) Dibromochloromethane	10.914	129	50247	21.488	ug/l	99
61) 1,2-Dibromoethane	11.017	107	33148	20.135	ug/l	98
64) Tetrachloroethene	10.652	164	39913	18.969	ug/l	94
65) Chlorobenzene	11.444	112	144999	21.431	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	51226	22.378	ug/l	99
67) Ethyl Benzene	11.524	91	263771	21.461	ug/l	98
68) m/p-Xylenes	11.633	106	188291	41.481	ug/l	91
69) o-Xylene	11.956	106	92029	21.101	ug/l	91
70) Styrene	11.975	104	159728	21.708	ug/l	95
71) Bromoform	12.133	173	25963	21.186	ug/l #	100
73) Isopropylbenzene	12.255	105	261201	21.252	ug/l	97
74) N-amyl acetate	12.072	43	66538	20.440	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	48903	22.393	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	37749m	13.188	ug/l	
77) Bromobenzene	12.536	156	52388	20.087	ug/l	80
78) n-propylbenzene	12.596	91	322402	21.709	ug/l	95
79) 2-Chlorotoluene	12.682	91	177386	20.835	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	209093	21.066	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	14481	20.420	ug/l #	76
82) 4-Chlorotoluene	12.779	91	188444	21.647	ug/l	95
83) tert-Butylbenzene	12.999	119	192975	21.702	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	209092	21.247	ug/l	97
85) sec-Butylbenzene	13.176	105	297318	22.380	ug/l	96
86) p-Isopropyltoluene	13.291	119	234698	21.756	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	110766	21.030	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	109876	21.235	ug/l	95
89) n-Butylbenzene	13.621	91	237339	22.531	ug/l	97
90) Hexachloroethane	13.877	117	46832	22.294	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	99945	21.596	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7553	21.671	ug/l	71
93) 1,2,4-Trichlorobenzene	14.925	180	52715	20.314	ug/l	96
94) Hexachlorobutadiene	15.023	225	30493	21.136	ug/l	99
95) Naphthalene	15.145	128	100388	20.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	45531	20.756	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
Data File : VY020032.D
Acq On : 28 Oct 2024 11:02
Operator : SY/MD
Sample : VY1028SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBSD01

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 10/29/2024
Supervised By :Mahesh Dadoda 10/29/2024

Quant Time: Oct 29 01:54:31 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

