

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019558.D
 Acq On : 16 Sep 2024 11:10
 Operator : SY/MD
 Sample : VY0916SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0916SBS01

Quant Time: Sep 17 02:11:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024

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 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	436937	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	738937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	621842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	287388	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	215739	53.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.640%	
35) Dibromofluoromethane	7.634	113	222861	53.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.380%	
50) Toluene-d8	10.109	98	826545	53.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.680%	
62) 4-Bromofluorobenzene	12.408	95	289707	48.621	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.240%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	60961	23.343	ug/l	100
3) Chloromethane	2.074	50	75371	20.849	ug/l	99
4) Vinyl Chloride	2.208	62	86115	22.030	ug/l	99
5) Bromomethane	2.598	94	59159	24.638	ug/l	97
6) Chloroethane	2.739	64	58208	22.778	ug/l	99
7) Trichlorofluoromethane	3.062	101	142524	21.872	ug/l	95
8) Diethyl Ether	3.452	74	42313	19.345	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	86238	21.394	ug/l	96
10) Methyl Iodide	4.000	142	94341	18.255	ug/l	93
11) Tert butyl alcohol	4.860	59	28309	86.640	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	76955	19.851	ug/l	87
13) Acrolein	3.653	56	20147	120.669	ug/l	97
14) Allyl chloride	4.378	41	132641	19.080	ug/l #	93
15) Acrylonitrile	5.055	53	87693	92.982	ug/l	96
16) Acetone	3.872	43	96935	100.567	ug/l #	86
17) Carbon Disulfide	4.104	76	187870	17.937	ug/l	99
18) Methyl Acetate	4.385	43	42002	16.057	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	215428	19.621	ug/l	99
20) Methylene Chloride	4.616	84	92216	20.978	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	84245	19.827	ug/l	91
22) Diisopropyl ether	6.012	45	287474	20.137	ug/l	90
23) Vinyl Acetate	5.957	43	795555	97.564	ug/l	94
24) 1,1-Dichloroethane	5.909	63	166058	20.729	ug/l	96
25) 2-Butanone	6.884	43	128187	93.506	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	153849	21.291	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	105516	20.443	ug/l	89
28) Bromochloromethane	7.238	49	65256	19.361	ug/l	86
29) Tetrahydrofuran	7.262	42	74089	88.887	ug/l	88
30) Chloroform	7.421	83	174055	21.284	ug/l	99
31) Cyclohexane	7.701	56	138768	19.164	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	157865	21.537	ug/l	98
36) 1,1-Dichloropropene	7.835	75	116125	20.370	ug/l	97
37) Ethyl Acetate	6.982	43	52754	18.060	ug/l #	95
38) Carbon Tetrachloride	7.817	117	134001	20.844	ug/l	97
39) Methylcyclohexane	9.109	83	145333	19.156	ug/l #	91
40) Benzene	8.079	78	359516	20.475	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.219	41	33792	19.846	ug/l	#	81
42) 1,2-Dichloroethane	8.158	62	98961	20.945	ug/l		96
43) Isopropyl Acetate	8.195	43	113657	18.521	ug/l	#	81
44) Trichloroethene	8.865	130	92267	20.432	ug/l		95
45) 1,2-Dichloropropane	9.140	63	87152	20.302	ug/l		99
46) Dibromomethane	9.231	93	47815	20.369	ug/l		94
47) Bromodichloromethane	9.420	83	131369	20.818	ug/l		97
48) Methyl methacrylate	9.219	41	50684	17.489	ug/l		86
49) 1,4-Dioxane	9.237	88	9932	359.398	ug/l	#	87
51) 4-Methyl-2-Pentanone	9.999	43	276958	89.707	ug/l		93
52) Toluene	10.170	92	232613	20.598	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	119129	19.804	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	139575	19.927	ug/l	#	87
55) 1,1,2-Trichloroethane	10.572	97	64624	19.935	ug/l		97
56) Ethyl methacrylate	10.438	69	92800	18.845	ug/l	#	84
57) 1,3-Dichloropropane	10.719	76	112243	20.143	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	210928	92.286	ug/l		97
59) 2-Hexanone	10.761	43	205734	90.894	ug/l		89
60) Dibromochloromethane	10.914	129	86979	20.283	ug/l		98
61) 1,2-Dibromoethane	11.018	107	59504	19.700	ug/l		98
64) Tetrachloroethene	10.646	164	79285	20.589	ug/l		94
65) Chlorobenzene	11.444	112	254557	20.811	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.517	131	88827	20.974	ug/l		98
67) Ethyl Benzene	11.517	91	459771	21.154	ug/l		100
68) m/p-Xylenes	11.627	106	344551	41.925	ug/l		95
69) o-Xylene	11.956	106	165296	20.566	ug/l		94
70) Styrene	11.969	104	279258	20.580	ug/l		97
71) Bromoform	12.133	173	47006	19.432	ug/l	#	97
73) Isopropylbenzene	12.255	105	452259	21.692	ug/l		99
74) N-amyl acetate	12.072	43	104136	18.365	ug/l		90
75) 1,1,2,2-Tetrachloroethane	12.505	83	72881	19.694	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	45865m	17.027	ug/l		
77) Bromobenzene	12.536	156	95641	20.683	ug/l		91
78) n-propylbenzene	12.597	91	536923	21.727	ug/l		99
79) 2-Chlorotoluene	12.682	91	303436	21.070	ug/l		98
80) 1,3,5-Trimethylbenzene	12.737	105	363808	21.464	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.304	75	25862	18.431	ug/l		94
82) 4-Chlorotoluene	12.779	91	318152	21.488	ug/l		97
83) tert-Butylbenzene	12.999	119	337325	21.984	ug/l		96
84) 1,2,4-Trimethylbenzene	13.042	105	360967	21.515	ug/l		97
85) sec-Butylbenzene	13.176	105	491115	22.032	ug/l		99
86) p-Isopropyltoluene	13.291	119	402441	22.066	ug/l		97
87) 1,3-Dichlorobenzene	13.291	146	191844	21.351	ug/l		97
88) 1,4-Dichlorobenzene	13.371	146	191207	21.443	ug/l		96
89) n-Butylbenzene	13.621	91	383201	21.979	ug/l		99
90) Hexachloroethane	13.883	117	80954	21.333	ug/l		91
91) 1,2-Dichlorobenzene	13.663	146	169147	21.096	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11146	18.072	ug/l		84
93) 1,2,4-Trichlorobenzene	14.919	180	96739	19.837	ug/l		97
94) Hexachlorobutadiene	15.023	225	53678	20.604	ug/l		98
95) Naphthalene	15.145	128	176524	18.076	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	80125	19.209	ug/l		98

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

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