

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019943.D
 Acq On : 18 Oct 2024 11:08
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Quant Time: Oct 18 23:28:58 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
 Supervised By :Semsettin Yesilyurt 10/21/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	231885	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	404964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	347676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	154807	54.220	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.440%			
35) Dibromofluoromethane	7.640	113	147127	55.056	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.120%			
50) Toluene-d8	10.109	98	533754	54.087	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.180%			
62) 4-Bromofluorobenzene	12.407	95	191423	53.683	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 107.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	39730	18.405	ug/l	98
3) Chloromethane	2.074	50	56935	20.265	ug/l	99
4) Vinyl Chloride	2.208	62	62949	20.361	ug/l	99
5) Bromomethane	2.598	94	41886	21.404	ug/l	98
6) Chloroethane	2.738	64	45924	22.111	ug/l	97
7) Trichlorofluoromethane	3.062	101	95962	20.859	ug/l	98
8) Diethyl Ether	3.458	74	28384	20.301	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.817	101	59490	22.232	ug/l	91
10) Methyl Iodide	4.013	142	48168	17.798	ug/l	90
11) Tert butyl alcohol	4.866	59	24134	93.333	ug/l #	96
12) 1,1-Dichloroethene	3.793	96	48605	19.538	ug/l #	79
13) Acrolein	3.665	56	20017	95.410	ug/l	99
14) Allyl chloride	4.391	41	92736	20.661	ug/l #	90
15) Acrylonitrile	5.067	53	69271	108.318	ug/l	98
16) Acetone	3.878	43	79722	107.261	ug/l #	82
17) Carbon Disulfide	4.110	76	106553	15.980	ug/l	97
18) Methyl Acetate	4.391	43	32273	20.157	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	146186	20.455	ug/l #	90
20) Methylene Chloride	4.622	84	59118	21.060	ug/l #	83
21) trans-1,2-Dichloroethene	5.116	96	53923	19.916	ug/l #	84
22) Diisopropyl ether	6.024	45	221670	22.673	ug/l #	89
23) Vinyl Acetate	5.963	43	591179	105.476	ug/l #	88
24) 1,1-Dichloroethane	5.915	63	119538	21.995	ug/l	96
25) 2-Butanone	6.896	43	106922	107.474	ug/l #	85
26) 2,2-Dichloropropane	6.890	77	98788	20.411	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	69623	20.808	ug/l	80
28) Bromochloromethane	7.244	49	56169	23.481	ug/l #	72
29) Tetrahydrofuran	7.262	42	59096	104.034	ug/l #	82
30) Chloroform	7.420	83	121489	21.929	ug/l	99
31) Cyclohexane	7.707	56	93034	19.501	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	102255	21.061	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	81165	21.082	ug/l	94
37) Ethyl Acetate	6.988	43	43251	21.545	ug/l	97
38) Carbon Tetrachloride	7.823	117	88268	21.387	ug/l	97
39) Methylcyclohexane	9.109	83	92936	19.158	ug/l #	86
40) Benzene	8.079	78	245419	21.063	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	23394	21.531	ug/l #	84
42) 1,2-Dichloroethane	8.164	62	74978	22.399	ug/l	94
43) Isopropyl Acetate	8.201	43	85282	20.830	ug/l #	77
44) Trichloroethene	8.865	130	58650	20.783	ug/l	95
45) 1,2-Dichloropropane	9.140	63	64073	21.971	ug/l	99
46) Dibromomethane	9.231	93	32449	20.365	ug/l	90
47) Bromodichloromethane	9.420	83	94502	22.345	ug/l	97
48) Methyl methacrylate	9.225	41	37294	20.708	ug/l	82
49) 1,4-Dioxane	9.231	88	7031	394.264	ug/l #	79
51) 4-Methyl-2-Pentanone	9.999	43	226925	108.667	ug/l	89
52) Toluene	10.170	92	152781	21.007	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	76814	20.186	ug/l	93
54) cis-1,3-Dichloropropene	9.859	75	93977	20.930	ug/l #	85
55) 1,1,2-Trichloroethane	10.572	97	44439	21.169	ug/l	96
56) Ethyl methacrylate	10.438	69	61351	20.367	ug/l #	71
57) 1,3-Dichloropropane	10.719	76	79843	21.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	148640	105.999	ug/l	93
59) 2-Hexanone	10.761	43	162877	109.203	ug/l	85
60) Dibromochloromethane	10.908	129	55514	20.603	ug/l	100
61) 1,2-Dibromoethane	11.011	107	39320	20.728	ug/l	97
64) Tetrachloroethene	10.646	164	48448	19.591	ug/l	92
65) Chlorobenzene	11.444	112	166856	20.982	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	56242	20.904	ug/l	97
67) Ethyl Benzene	11.517	91	304186	21.058	ug/l	98
68) m/p-Xylenes	11.627	106	221528	41.523	ug/l	90
69) o-Xylene	11.956	106	106878	20.851	ug/l	91
70) Styrene	11.968	104	182503	21.103	ug/l	96
71) Bromoform	12.133	173	28594	19.853	ug/l #	97
73) Isopropylbenzene	12.255	105	294595	21.005	ug/l	98
74) N-amyl acetate	12.072	43	76480	20.589	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	54586	21.904	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	38963m	11.928	ug/l	
77) Bromobenzene	12.529	156	59749	20.076	ug/l	83
78) n-propylbenzene	12.596	91	369231	21.788	ug/l	97
79) 2-Chlorotoluene	12.676	91	205485	21.150	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	233686	20.632	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	15462	19.107	ug/l #	82
82) 4-Chlorotoluene	12.779	91	213627	21.505	ug/l	93
83) tert-Butylbenzene	12.999	119	217965	21.481	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	238777	21.263	ug/l	95
85) sec-Butylbenzene	13.176	105	327291	21.589	ug/l	98
86) p-Isopropyltoluene	13.291	119	258728	21.017	ug/l	94
87) 1,3-Dichlorobenzene	13.285	146	122421	20.369	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	121374	20.556	ug/l	95
89) n-Butylbenzene	13.614	91	257688	21.437	ug/l	98
90) Hexachloroethane	13.883	117	50332	20.997	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	108061	20.462	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7998	20.110	ug/l	71
93) 1,2,4-Trichlorobenzene	14.919	180	55156	18.626	ug/l	98
94) Hexachlorobutadiene	15.023	225	30949	18.799	ug/l	97
95) Naphthalene	15.145	128	102113	18.283	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	46488	18.571	ug/l	97

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

