

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017008.D
 Acq On : 17 Jan 2024 14:09
 Operator : SY/MD
 Sample : VY0117SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
 Supervised By :Mahesh Dadoda 01/18/2024

Quant Time: Jan 17 15:16:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	138344	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	237331	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	201512	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	86982	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58323	42.654	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.300%		
35) Dibromofluoromethane	7.746	113	63041	41.684	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.360%		
50) Toluene-d8	10.203	98	216365	41.546	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	83.100%		
62) 4-Bromofluorobenzene	12.501	95	75436	42.933	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	16561	13.796	ug/l	93
3) Chloromethane	2.131	50	25179	15.493	ug/l	98
4) Vinyl Chloride	2.272	62	33270	17.356	ug/l	95
5) Bromomethane	2.668	94	25493	18.563	ug/l	96
6) Chloroethane	2.814	64	23493	18.117	ug/l	100
7) Trichlorofluoromethane	3.149	101	42586	18.030	ug/l	98
8) Diethyl Ether	3.552	74	13765	18.236	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.924	101	27929	18.186	ug/l	97
10) Methyl Iodide	4.125	142	21413	16.389	ug/l	99
11) Tert butyl alcohol	4.984	59	12493	106.542	ug/l	100
12) 1,1-Dichloroethene	3.905	96	22951	17.418	ug/l	96
13) Acrolein	3.759	56	13330	84.180	ug/l	98
14) Allyl chloride	4.515	41	35239	16.917	ug/l	98
15) Acrylonitrile	5.204	53	34009	96.324	ug/l	99
16) Acetone	3.972	43	43867	117.363	ug/l	97
17) Carbon Disulfide	4.229	76	43006	13.659	ug/l	100
18) Methyl Acetate	4.509	43	24491	16.718	ug/l	100
19) Methyl tert-butyl Ether	5.259	73	66513	19.402	ug/l	99
20) Methylene Chloride	4.753	84	32139	12.503	ug/l	97
21) trans-1,2-Dichloroethene	5.259	96	25481	16.884	ug/l	98
22) Diisopropyl ether	6.155	45	88842	18.448	ug/l	98
23) Vinyl Acetate	6.094	43	216231	97.922	ug/l	99
24) 1,1-Dichloroethane	6.057	63	52607	18.178	ug/l	98
25) 2-Butanone	7.021	43	52893	107.840	ug/l	99
26) 2,2-Dichloropropane	7.021	77	47018	18.738	ug/l	98
27) cis-1,2-Dichloroethene	7.021	96	32666	18.465	ug/l	99
28) Bromochloromethane	7.368	49	17923	16.496	ug/l	96
29) Tetrahydrofuran	7.386	42	26214	94.723	ug/l	99
30) Chloroform	7.539	83	55519	18.616	ug/l	99
31) Cyclohexane	7.813	56	39155	16.684	ug/l	97
32) 1,1,1-Trichloroethane	7.734	97	48505	19.181	ug/l	99
36) 1,1-Dichloropropene	7.947	75	37568	17.045	ug/l	99
37) Ethyl Acetate	7.106	43	19006	18.975	ug/l	99
38) Carbon Tetrachloride	7.929	117	40045	17.883	ug/l	99
39) Methylcyclohexane	9.209	83	40573	16.375	ug/l	96
40) Benzene	8.191	78	113732	17.202	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	9479	17.969	ug/l	89
42) 1,2-Dichloroethane	8.264	62	31544	17.971	ug/l	100
43) Isopropyl Acetate	8.301	43	36435	18.996	ug/l	98
44) Trichloroethene	8.965	130	29853	17.744	ug/l	97
45) 1,2-Dichloropropane	9.240	63	30669	18.005	ug/l	98
46) Dibromomethane	9.331	93	15420	17.751	ug/l	98
47) Bromodichloromethane	9.520	83	42801	18.348	ug/l	99
48) Methyl methacrylate	9.319	41	18442	17.816	ug/l	91
49) 1,4-Dioxane	9.319	88	3550	394.675	ug/l	92
51) 4-Methyl-2-Pentanone	10.093	43	97309	95.395	ug/l	99
52) Toluene	10.270	92	71543	17.930	ug/l	98
53) t-1,3-Dichloropropene	10.483	75	38627	18.486	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	45068	17.960	ug/l	99
55) 1,1,2-Trichloroethane	10.666	97	24068	18.964	ug/l	98
56) Ethyl methacrylate	10.532	69	20887	19.431	ug/l	99
57) 1,3-Dichloropropane	10.813	76	39174	18.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	46635	81.573	ug/l	99
59) 2-Hexanone	10.855	43	76710	102.130	ug/l	100
60) Dibromochloromethane	11.008	129	27523	18.806	ug/l	98
61) 1,2-Dibromoethane	11.111	107	20568	18.653	ug/l	100
64) Tetrachloroethene	10.746	164	22090	16.909	ug/l	98
65) Chlorobenzene	11.538	112	77181	18.386	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.611	131	29727	18.629	ug/l	99
67) Ethyl Benzene	11.611	91	138268	18.295	ug/l	99
68) m/p-Xylenes	11.721	106	104412	37.638	ug/l	94
69) o-Xylene	12.050	106	47435	18.240	ug/l	99
70) Styrene	12.062	104	70124	18.527	ug/l	99
71) Bromoform	12.227	173	14916	18.987	ug/l #	98
73) Isopropylbenzene	12.349	105	134507	18.937	ug/l	100
74) N-amyl acetate	12.160	43	28350	19.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	28023	19.363	ug/l	98
76) 1,2,3-Trichloropropane	12.654	75	16624m	17.612	ug/l	
77) Bromobenzene	12.629	156	29265	18.713	ug/l	99
78) n-propylbenzene	12.690	91	160564	18.594	ug/l	99
79) 2-Chlorotoluene	12.776	91	88654	18.514	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	107125	19.069	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.398	75	7907	19.022	ug/l	96
82) 4-Chlorotoluene	12.873	91	91837	18.773	ug/l	99
83) tert-Butylbenzene	13.093	119	96139	19.430	ug/l	97
84) 1,2,4-Trimethylbenzene	13.142	105	104384	18.868	ug/l	97
85) sec-Butylbenzene	13.270	105	140568	19.173	ug/l	99
86) p-Isopropyltoluene	13.385	119	114377	18.903	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	57254	18.667	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	57345	19.116	ug/l	98
89) n-Butylbenzene	13.715	91	110851	19.054	ug/l	100
90) Hexachloroethane	13.983	117	24578	18.903	ug/l	96
91) 1,2-Dichlorobenzene	13.757	146	50331	18.989	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	3363	18.530	ug/l	96
93) 1,2,4-Trichlorobenzene	15.025	180	25650	19.488	ug/l	95
94) Hexachlorobutadiene	15.135	225	15495	18.792	ug/l	98
95) Naphthalene	15.257	128	46413	21.012	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	21254	19.018	ug/l	98

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

