

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042224\
 Data File : VY018009.D
 Acq On : 22 Apr 2024 14:28
 Operator : SY/MD
 Sample : VY0422SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0422SBS01

Quant Time: Apr 23 01:42:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/23/2024
 Supervised By :Semsettin Yesilyurt 04/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	338972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	558669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	482240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	223489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	155252	52.926	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.860%			
35) Dibromofluoromethane	7.716	113	176650	51.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.500%			
50) Toluene-d8	10.179	98	690606	52.805	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.620%			
62) 4-Bromofluorobenzene	12.483	95	205377	50.705	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51366	19.101	ug/l	96
3) Chloromethane	2.113	50	81793	18.356	ug/l	99
4) Vinyl Chloride	2.253	62	89714	17.863	ug/l	97
5) Bromomethane	2.650	94	64938	19.426	ug/l	93
6) Chloroethane	2.790	64	58565	18.470	ug/l	100
7) Trichlorofluoromethane	3.125	101	105832	18.698	ug/l	96
8) Diethyl Ether	3.528	74	35334	19.755	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	67023	19.015	ug/l	99
10) Methyl Iodide	4.088	142	92316	19.686	ug/l	99
11) Tert butyl alcohol	4.948	59	22761	99.633	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	66318	19.381	ug/l	95
13) Acrolein	3.729	56	34797	152.315	ug/l	98
14) Allyl chloride	4.473	41	91232	20.603	ug/l	92
15) Acrylonitrile	5.161	53	70780	97.465	ug/l	99
16) Acetone	3.948	43	53516	92.333	ug/l	97
17) Carbon Disulfide	4.192	76	198116	18.200	ug/l	99
18) Methyl Acetate	4.479	43	28842	18.916	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	140496	18.840	ug/l	100
20) Methylene Chloride	4.710	84	90250	22.984	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	72928	19.456	ug/l	100
22) Diisopropyl ether	6.119	45	208203	21.447	ug/l	96
23) Vinyl Acetate	6.058	43	574246	99.755	ug/l	97
24) 1,1-Dichloroethane	6.015	63	132325	20.877	ug/l	99
25) 2-Butanone	6.984	43	81244	95.364	ug/l	92
26) 2,2-Dichloropropane	6.984	77	105062	20.661	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	84906	19.833	ug/l	96
28) Bromochloromethane	7.332	49	55732	22.353	ug/l	90
29) Tetrahydrofuran	7.350	42	51930	96.053	ug/l	91
30) Chloroform	7.509	83	129254	19.953	ug/l	97
31) Cyclohexane	7.783	56	101381	18.082	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	104481	19.365	ug/l	98
36) 1,1-Dichloropropene	7.917	75	91771	18.309	ug/l	97
37) Ethyl Acetate	7.076	43	37978	18.416	ug/l	98
38) Carbon Tetrachloride	7.905	117	92367	18.240	ug/l	98
39) Methylcyclohexane	9.185	83	106252	16.266	ug/l	93
40) Benzene	8.161	78	302975	19.297	ug/l	98

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41) Methacrylonitrile	7.332	41	24006m	18.448	ug/l	
42) 1,2-Dichloroethane	8.234	62	67315	18.712	ug/l	99
43) Isopropyl Acetate	8.271	43	68365	17.784	ug/l	99
44) Trichloroethene	8.941	130	73748	18.484	ug/l	98
45) 1,2-Dichloropropane	9.216	63	71451	19.770	ug/l	99
46) Dibromomethane	9.307	93	36606	18.311	ug/l	98
47) Bromodichloromethane	9.496	83	94909	18.923	ug/l	98
48) Methyl methacrylate	9.295	41	31949	18.137	ug/l	94
49) 1,4-Dioxane	9.301	88	7372	323.020	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	184536	90.553	ug/l	97
52) Toluene	10.246	92	184004	19.099	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	85243	18.617	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	105736	18.798	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	50801	18.693	ug/l	95
56) Ethyl methacrylate	10.514	69	60057	16.952	ug/l	95
57) 1,3-Dichloropropane	10.795	76	86396	18.775	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	162992	88.506	ug/l	97
59) 2-Hexanone	10.837	43	124602	89.570	ug/l	95
60) Dibromochloromethane	10.990	129	63554	18.196	ug/l	100
61) 1,2-Dibromoethane	11.093	107	43808	17.297	ug/l	100
64) Tetrachloroethene	10.721	164	62895	18.206	ug/l	97
65) Chlorobenzene	11.520	112	201766	19.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	65639	18.834	ug/l	99
67) Ethyl Benzene	11.593	91	334683	18.807	ug/l	100
68) m/p-Xylenes	11.703	106	258746	37.856	ug/l	98
69) o-Xylene	12.032	106	119814	18.771	ug/l	99
70) Styrene	12.044	104	204715	18.976	ug/l	99
71) Bromoform	12.209	173	35687	17.723	ug/l #	97
73) Isopropylbenzene	12.331	105	307212	18.865	ug/l	99
74) N-amyl acetate	12.148	43	59761	18.179	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	55870	18.395	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	35360m	16.861	ug/l	
77) Bromobenzene	12.611	156	74099	18.803	ug/l	98
78) n-propylbenzene	12.672	91	384097	19.440	ug/l	100
79) 2-Chlorotoluene	12.758	91	216532	19.579	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	249541	19.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	18398	18.088	ug/l	98
82) 4-Chlorotoluene	12.861	91	221993	19.381	ug/l	99
83) tert-Butylbenzene	13.081	119	226974	19.245	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	249030	19.366	ug/l	100
85) sec-Butylbenzene	13.258	105	332305	18.759	ug/l	99
86) p-Isopropyltoluene	13.373	119	270069	18.554	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	147015	18.802	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	143534	18.699	ug/l	99
89) n-Butylbenzene	13.703	91	256198	18.709	ug/l	99
90) Hexachloroethane	13.965	117	56686	18.992	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	124762	18.495	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7239	18.530	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	66348	16.889	ug/l	97
94) Hexachlorobutadiene	15.117	225	40777	17.498	ug/l	98
95) Naphthalene	15.239	128	98343	15.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	54849	16.640	ug/l	98

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

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