

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018043.D
 Acq On : 25 Apr 2024 11:58
 Operator : SY/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

Quant Time: Apr 26 01:58:45 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 04/26/2024
 Supervised By :Semsettin Yesilyurt 04/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	372897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	576942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	507365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	250385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	144789	44.869	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.740%		
35) Dibromofluoromethane	7.722	113	170557	47.918	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.840%		
50) Toluene-d8	10.185	98	686822	50.853	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.700%		
62) 4-Bromofluorobenzene	12.489	95	212963	50.913	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	66525	22.488	ug/l	100
3) Chloromethane	2.119	50	78756	16.067	ug/l	98
4) Vinyl Chloride	2.253	62	89932	16.277	ug/l	99
5) Bromomethane	2.650	94	66226	18.009	ug/l	97
6) Chloroethane	2.796	64	56991	16.339	ug/l	95
7) Trichlorofluoromethane	3.131	101	120596	19.368	ug/l	95
8) Diethyl Ether	3.534	74	37546	19.082	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	75882	19.570	ug/l	95
10) Methyl Iodide	4.095	142	103071	19.980	ug/l	97
11) Tert butyl alcohol	4.960	59	20702	79.669	ug/l #	85
12) 1,1-Dichloroethene	3.881	96	76252	20.257	ug/l	93
13) Acrolein	3.729	56	30518	121.431	ug/l	99
14) Allyl chloride	4.485	41	94333	19.365	ug/l	93
15) Acrylonitrile	5.168	53	77149	96.571	ug/l	100
16) Acetone	3.948	43	51059	80.079	ug/l	94
17) Carbon Disulfide	4.198	76	211843	17.691	ug/l	99
18) Methyl Acetate	4.491	43	31292	18.655	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	158117	19.274	ug/l	98
20) Methylene Chloride	4.716	84	91491	21.180	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	82119	19.914	ug/l	96
22) Diisopropyl ether	6.125	45	220632	20.660	ug/l	98
23) Vinyl Acetate	6.070	43	597985	94.428	ug/l	99
24) 1,1-Dichloroethane	6.027	63	140134	20.098	ug/l	100
25) 2-Butanone	6.996	43	83861	89.480	ug/l	97
26) 2,2-Dichloropropane	6.990	77	116016	20.739	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	97414	20.685	ug/l	99
28) Bromochloromethane	7.338	49	57747	21.054	ug/l	99
29) Tetrahydrofuran	7.356	42	54659	91.903	ug/l	97
30) Chloroform	7.515	83	146028	20.492	ug/l	97
31) Cyclohexane	7.795	56	115111	18.663	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	122727	20.677	ug/l	98
36) 1,1-Dichloropropene	7.923	75	102622	19.825	ug/l	99
37) Ethyl Acetate	7.082	43	39665	18.625	ug/l	98
38) Carbon Tetrachloride	7.905	117	111822	21.382	ug/l	98
39) Methylcyclohexane	9.191	83	126987	18.825	ug/l	95
40) Benzene	8.167	78	341894	21.086	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	22356m	16.636	ug/l	
42) 1,2-Dichloroethane	8.240	62	75589	20.346	ug/l	99
43) Isopropyl Acetate	8.277	43	72767	18.330	ug/l	99
44) Trichloroethene	8.947	130	88740	21.538	ug/l	95
45) 1,2-Dichloropropane	9.222	63	78786	21.109	ug/l	98
46) Dibromomethane	9.313	93	41948	20.318	ug/l	94
47) Bromodichloromethane	9.502	83	110718	21.376	ug/l	98
48) Methyl methacrylate	9.295	41	33799	18.580	ug/l	97
49) 1,4-Dioxane	9.301	88	8590	364.468	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	198527	94.333	ug/l	98
52) Toluene	10.252	92	214750	21.584	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	98484	20.827	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	123688	21.293	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	59008	21.026	ug/l	98
56) Ethyl methacrylate	10.514	69	71094	19.431	ug/l	97
57) 1,3-Dichloropropane	10.795	76	99372	20.911	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	169275	89.006	ug/l	99
59) 2-Hexanone	10.837	43	134950	93.936	ug/l	98
60) Dibromochloromethane	10.990	129	78872	21.867	ug/l	97
61) 1,2-Dibromoethane	11.093	107	54111	20.688	ug/l	99
64) Tetrachloroethene	10.727	164	78314	21.547	ug/l	99
65) Chlorobenzene	11.520	112	242411	21.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	82075	22.384	ug/l	98
67) Ethyl Benzene	11.599	91	395109	21.103	ug/l	98
68) m/p-Xylenes	11.709	106	313475	43.592	ug/l	99
69) o-Xylene	12.038	106	145861	21.720	ug/l	99
70) Styrene	12.050	104	250245	22.048	ug/l	99
71) Bromoform	12.215	173	45846	21.641	ug/l #	94
73) Isopropylbenzene	12.337	105	384048	21.050	ug/l	99
74) N-amyl acetate	12.148	43	66554	18.071	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	65473	19.242	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	45405m	19.325	ug/l	
77) Bromobenzene	12.611	156	96100	21.766	ug/l	94
78) n-propylbenzene	12.678	91	465999	21.051	ug/l	99
79) 2-Chlorotoluene	12.764	91	261207	21.082	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	309808	21.415	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	21552	18.913	ug/l	97
82) 4-Chlorotoluene	12.861	91	269051	20.967	ug/l	97
83) tert-Butylbenzene	13.081	119	281754	21.324	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	312230	21.672	ug/l	99
85) sec-Butylbenzene	13.258	105	418157	21.070	ug/l	98
86) p-Isopropyltoluene	13.373	119	347944	21.336	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	188064	21.468	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	185670	21.590	ug/l	99
89) n-Butylbenzene	13.703	91	317965	20.725	ug/l	98
90) Hexachloroethane	13.965	117	71076	21.255	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	163124	21.584	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7934	18.127	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	88378	20.081	ug/l	99
94) Hexachlorobutadiene	15.117	225	55565	21.282	ug/l	98
95) Naphthalene	15.245	128	132584	18.281	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	73960	20.027	ug/l	99

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

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