

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
 Data File : VY018044.D
 Acq On : 25 Apr 2024 12:21
 Operator : SY/MD
 Sample : VY0425SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Apr 26 01:59:37 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

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

Internal Standards						04/26/2024
1) Pentafluorobenzene	7.795	168	380935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	601095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	535258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	266070	50.000	ug/l	0.00
System Monitoring Compounds						04/26/2024
33) 1,2-Dichloroethane-d4	8.142	65	172950	52.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.920%	
35) Dibromofluoromethane	7.722	113	194978	52.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.160%	
50) Toluene-d8	10.185	98	782780	55.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.260%	
62) 4-Bromofluorobenzene	12.483	95	244359	56.072	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	69392	22.962	ug/l	99
3) Chloromethane	2.113	50	82409	16.457	ug/l	97
4) Vinyl Chloride	2.253	62	94748	16.787	ug/l	97
5) Bromomethane	2.649	94	71107	18.928	ug/l	94
6) Chloroethane	2.796	64	61764	17.334	ug/l	99
7) Trichlorofluoromethane	3.125	101	125860	19.787	ug/l	97
8) Diethyl Ether	3.533	74	42518	21.153	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	78964	19.935	ug/l	96
10) Methyl Iodide	4.094	142	111543	21.166	ug/l	98
11) Tert butyl alcohol	4.966	59	27414	107.903	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	79864	20.769	ug/l	100
13) Acrolein	3.735	56	35878	139.747	ug/l	97
14) Allyl chloride	4.485	41	103556	20.810	ug/l	92
15) Acrylonitrile	5.167	53	91196	111.745	ug/l	100
16) Acetone	3.954	43	63188	97.010	ug/l	91
17) Carbon Disulfide	4.198	76	224344	18.339	ug/l	100
18) Methyl Acetate	4.485	43	37765	22.039	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	182263	21.748	ug/l	100
20) Methylene Chloride	4.716	84	102119	23.141	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	87402	20.748	ug/l	97
22) Diisopropyl ether	6.124	45	242101	22.192	ug/l	99
23) Vinyl Acetate	6.064	43	702460	108.585	ug/l	99
24) 1,1-Dichloroethane	6.021	63	152262	21.376	ug/l	98
25) 2-Butanone	6.990	43	105260	109.943	ug/l	94
26) 2,2-Dichloropropane	6.984	77	122562	21.447	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	103257	21.463	ug/l	100
28) Bromochloromethane	7.338	49	57637	20.571	ug/l	97
29) Tetrahydrofuran	7.356	42	67184	110.579	ug/l	98
30) Chloroform	7.508	83	157809	21.678	ug/l	98
31) Cyclohexane	7.789	56	121141	19.226	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	130709	21.557	ug/l	99
36) 1,1-Dichloropropene	7.917	75	109519	20.307	ug/l	99
37) Ethyl Acetate	7.076	43	49565	22.338	ug/l #	98
38) Carbon Tetrachloride	7.905	117	115660	21.227	ug/l	93
39) Methylcyclohexane	9.185	83	132470	18.849	ug/l	97
40) Benzene	8.167	78	362313	21.448	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	29140m	20.813	ug/l	99
42) 1,2-Dichloroethane	8.240	62	82792	21.390	ug/l	99
43) Isopropyl Acetate	8.277	43	88594	21.420	ug/l	100
44) Trichloroethene	8.941	130	95773	22.311	ug/l	99
45) 1,2-Dichloropropane	9.221	63	83529	21.480	ug/l	99
46) Dibromomethane	9.307	93	46792	21.754	ug/l	93
47) Bromodichloromethane	9.502	83	118257	21.914	ug/l	97
48) Methyl methacrylate	9.295	41	41575	21.936	ug/l	96
49) 1,4-Dioxane	9.307	88	11267	458.842	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	249409	113.749	ug/l	99
52) Toluene	10.246	92	228968	22.088	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	109219	22.169	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	132704	21.927	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	68517	23.433	ug/l	98
56) Ethyl methacrylate	10.514	69	83941	22.021	ug/l	98
57) 1,3-Dichloropropane	10.794	76	110143	22.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	192575	97.189	ug/l	100
59) 2-Hexanone	10.837	43	173488	115.909	ug/l	98
60) Dibromochloromethane	10.989	129	86990	23.149	ug/l	99
61) 1,2-Dibromoethane	11.093	107	61031	22.397	ug/l	99
64) Tetrachloroethene	10.721	164	84197	21.959	ug/l	98
65) Chlorobenzene	11.520	112	256428	21.859	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	86210	22.287	ug/l	98
67) Ethyl Benzene	11.593	91	424994	21.516	ug/l	100
68) m/p-Xylenes	11.703	106	332196	43.788	ug/l	99
69) o-Xylene	12.032	106	155393	21.933	ug/l	100
70) Styrene	12.044	104	269967	22.546	ug/l	99
71) Bromoform	12.209	173	52421	23.455	ug/l #	98
73) Isopropylbenzene	12.331	105	405665	20.924	ug/l	98
74) N-amyl acetate	12.148	43	81707	20.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	78557	21.726	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	49252m	19.726	ug/l	99
77) Bromobenzene	12.611	156	103794	22.123	ug/l	96
78) n-propylbenzene	12.672	91	495160	21.050	ug/l	99
79) 2-Chlorotoluene	12.757	91	276752	21.020	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	330174	21.477	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	25731	21.249	ug/l	98
82) 4-Chlorotoluene	12.855	91	284201	20.842	ug/l	96
83) tert-Butylbenzene	13.081	119	294033	20.941	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	327884	21.417	ug/l	99
85) sec-Butylbenzene	13.257	105	439546	20.842	ug/l	97
86) p-Isopropyltoluene	13.373	119	369031	21.295	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	203816	21.895	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	200078	21.894	ug/l	99
89) n-Butylbenzene	13.696	91	333701	20.468	ug/l	99
90) Hexachloroethane	13.965	117	76139	21.427	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	177283	22.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9783	21.034	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	99564	21.289	ug/l	100
94) Hexachlorobutadiene	15.117	225	60349	21.752	ug/l	99
95) Naphthalene	15.239	128	166195	21.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	86904	22.145	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

04/26/2024
Supervised By :Semsettin
Yesilyurt

04/26/2024

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