

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017530.D
 Acq On : 29 Feb 2024 16:03
 Operator : SY/MD
 Sample : VY0229SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/01/2024
 Supervised By :Mahesh Dadoda 03/01/2024

Quant Time: Mar 01 00:31:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	132201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	181311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60004	47.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.780%
35) Dibromofluoromethane	7.722	113	68658	47.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.185	98	253850	50.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.483	95	78203	49.467	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22855	23.436	ug/l	96
3) Chloromethane	2.113	50	38054	21.357	ug/l	96
4) Vinyl Chloride	2.253	62	49786	21.780	ug/l	99
5) Bromomethane	2.643	94	42925	23.043	ug/l	100
6) Chloroethane	2.790	64	32528	22.557	ug/l	95
7) Trichlorofluoromethane	3.119	101	53883	23.128	ug/l	99
8) Diethyl Ether	3.527	74	15311	22.407	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	32018	23.893	ug/l	100
10) Methyl Iodide	4.094	142	31878	21.197	ug/l	100
11) Tert butyl alcohol	4.954	59	12557	117.987	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	28805	23.065	ug/l	94
13) Acrolein	3.729	56	18092	128.836	ug/l	98
14) Allyl chloride	4.478	41	33761	22.373	ug/l	96
15) Acrylonitrile	5.167	53	31977	113.840	ug/l	100
16) Acetone	3.954	43	21611	88.929	ug/l	89
17) Carbon Disulfide	4.198	76	80575	21.495	ug/l	97
18) Methyl Acetate	4.485	43	12000	20.354	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	65389	22.464	ug/l	97
20) Methylene Chloride	4.716	84	53544	35.964	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	33327	22.792	ug/l	94
22) Diisopropyl ether	6.125	45	81452	23.392	ug/l	97
23) Vinyl Acetate	6.064	43	239271	115.314	ug/l	98
24) 1,1-Dichloroethane	6.027	63	55194	23.201	ug/l	98
25) 2-Butanone	6.990	43	35169	101.549	ug/l	100
26) 2,2-Dichloropropane	6.984	77	46094	23.046	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	37651	22.933	ug/l	98
28) Bromochloromethane	7.338	49	21883	23.357	ug/l	96
29) Tetrahydrofuran	7.350	42	23947	114.706	ug/l	98
30) Chloroform	7.515	83	59801	23.611	ug/l	100
31) Cyclohexane	7.789	56	45576	22.352	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	49965	22.723	ug/l	98
36) 1,1-Dichloropropene	7.923	75	44910	23.136	ug/l	98
37) Ethyl Acetate	7.076	43	16499	21.520	ug/l #	97
38) Carbon Tetrachloride	7.905	117	45501	23.388	ug/l	100
39) Methylcyclohexane	9.185	83	51927	22.259	ug/l	94
40) Benzene	8.167	78	133005	23.072	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8326	21.641	ug/l #	78
42) 1,2-Dichloroethane	8.240	62	32549	23.142	ug/l	98
43) Isopropyl Acetate	8.277	43	30498	22.637	ug/l	100
44) Trichloroethene	8.947	130	36960	22.244	ug/l	96
45) 1,2-Dichloropropane	9.222	63	31659	23.083	ug/l	97
46) Dibromomethane	9.313	93	17833	22.719	ug/l	97
47) Bromodichloromethane	9.502	83	44028	23.101	ug/l	96
48) Methyl methacrylate	9.295	41	13428	21.532	ug/l	94
49) 1,4-Dioxane	9.307	88	3799	427.666	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	81979	109.178	ug/l	98
52) Toluene	10.246	92	83660	23.020	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	40069	22.651	ug/l	92
54) cis-1,3-Dichloropropene	9.935	75	46750	21.750	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	26240	23.545	ug/l	93
56) Ethyl methacrylate	10.514	69	27173	21.351	ug/l	99
57) 1,3-Dichloropropane	10.794	76	41423	22.861	ug/l	98
59) 2-Hexanone	10.837	43	53927	104.558	ug/l	100
60) Dibromochloromethane	10.989	129	30582	23.196	ug/l	99
61) 1,2-Dibromoethane	11.093	107	23748	23.123	ug/l	98
64) Tetrachloroethene	10.727	164	38363	22.044	ug/l	96
65) Chlorobenzene	11.520	112	89719	23.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32694	22.676	ug/l	100
67) Ethyl Benzene	11.599	91	153109	22.685	ug/l	96
68) m/p-Xylenes	11.709	106	121875	45.955	ug/l	98
69) o-Xylene	12.032	106	55133	22.408	ug/l	100
70) Styrene	12.050	104	92781	22.718	ug/l	98
71) Bromoform	12.215	173	18111	22.668	ug/l #	97
73) Isopropylbenzene	12.337	105	145336	23.152	ug/l	99
74) N-amyl acetate	12.148	43	25360	22.905	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	26577	24.654	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	18227m	22.703	ug/l	
77) Bromobenzene	12.611	156	34829	22.910	ug/l	97
78) n-propylbenzene	12.672	91	181880	24.146	ug/l	100
79) 2-Chlorotoluene	12.764	91	98526	23.363	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	118088	23.480	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	8004	22.908	ug/l	98
82) 4-Chlorotoluene	12.861	91	100524	23.305	ug/l	98
83) tert-Butylbenzene	13.081	119	104143	23.581	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	116987	23.562	ug/l	100
85) sec-Butylbenzene	13.257	105	158624	23.493	ug/l	100
86) p-Isopropyltoluene	13.373	119	128646	23.275	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	69095	22.644	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	69620	23.468	ug/l	99
89) n-Butylbenzene	13.702	91	119519	23.700	ug/l	98
90) Hexachloroethane	13.965	117	25827	23.307	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	59408	23.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3104	20.482	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	29792	21.852	ug/l	99
94) Hexachlorobutadiene	15.117	225	19968	23.723	ug/l	99
95) Naphthalene	15.239	128	48648	20.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25326	21.654	ug/l	99

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

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