

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018240.D
 Acq On : 13 May 2024 13:49
 Operator : SY/MD
 Sample : VY0513SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

Quant Time: May 14 02:28:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	206600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	346351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83781	55.123	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	110.240%	
35) Dibromofluoromethane	7.710	113	94305	51.809	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	103.620%	
50) Toluene-d8	10.179	98	368954	51.437	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	102.880%	
62) 4-Bromofluorobenzene	12.483	95	116120	50.129	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	100.260%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34071	20.795	ug/l	97
3) Chloromethane	2.107	50	46787	21.332	ug/l	100
4) Vinyl Chloride	2.241	62	56961	21.424	ug/l	96
5) Bromomethane	2.631	94	40115	21.726	ug/l	95
6) Chloroethane	2.784	64	36474	21.616	ug/l	100
7) Trichlorofluoromethane	3.113	101	62492	20.067	ug/l	91
8) Diethyl Ether	3.515	74	21160	20.640	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	37769	19.030	ug/l	98
10) Methyl Iodide	4.088	142	44852	19.352	ug/l	99
11) Tert butyl alcohol	4.948	59	21179	153.996	ug/l	99
12) 1,1-Dichloroethene	3.863	96	39664	19.852	ug/l	92
13) Acrolein	3.717	56	25363	169.300	ug/l	98
14) Allyl chloride	4.473	41	51672	20.329	ug/l	97
15) Acrylonitrile	5.149	53	45859	116.321	ug/l	96
16) Acetone	3.936	43	33357	109.977	ug/l	93
17) Carbon Disulfide	4.186	76	118336	21.756	ug/l	99
18) Methyl Acetate	4.473	43	17775	20.573	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	93812	21.078	ug/l	98
20) Methylene Chloride	4.704	84	55730	25.995	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	43079	20.340	ug/l #	81
22) Diisopropyl ether	6.106	45	107350	19.909	ug/l #	90
23) Vinyl Acetate	6.051	43	355565	108.497	ug/l	98
24) 1,1-Dichloroethane	6.009	63	63434	19.101	ug/l	98
25) 2-Butanone	6.984	43	56191	115.896	ug/l	92
26) 2,2-Dichloropropane	6.972	77	58013	19.301	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	49922	19.945	ug/l	97
28) Bromochloromethane	7.326	49	29392	22.143	ug/l	97
29) Tetrahydrofuran	7.344	42	38097	119.039	ug/l	97
30) Chloroform	7.502	83	67553	19.485	ug/l	94
31) Cyclohexane	7.777	56	63832	20.308	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	59878	19.269	ug/l	98
36) 1,1-Dichloropropene	7.911	75	52300	20.043	ug/l	99
37) Ethyl Acetate	7.064	43	26022	23.693	ug/l #	94
38) Carbon Tetrachloride	7.893	117	53543	18.779	ug/l	99
39) Methylcyclohexane	9.179	83	74811	19.873	ug/l	95
40) Benzene	8.155	78	165381	19.703	ug/l	97

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41) Methacrylonitrile	7.295	41	12129m	19.125	ug/l	
42) 1,2-Dichloroethane	8.234	62	37097	20.313	ug/l	97
43) Isopropyl Acetate	8.265	43	49973	22.198	ug/l	95
44) Trichloroethene	8.935	130	43182	18.899	ug/l	99
45) 1,2-Dichloropropane	9.209	63	35091	19.123	ug/l	99
46) Dibromomethane	9.301	93	22063	20.914	ug/l	99
47) Bromodichloromethane	9.490	83	50551	19.383	ug/l	98
48) Methyl methacrylate	9.289	41	22197	21.514	ug/l	91
49) 1,4-Dioxane	9.289	88	5956	425.340	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	128110	113.225	ug/l	95
52) Toluene	10.240	92	103444	19.144	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	48549	19.930	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	58917	19.786	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	29599	20.425	ug/l	97
56) Ethyl methacrylate	10.508	69	40958	20.810	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	48775	20.680	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	91852	97.734	ug/l	97
59) 2-Hexanone	10.831	43	89974	113.729	ug/l	95
60) Dibromochloromethane	10.984	129	37328	19.853	ug/l	98
61) 1,2-Dibromoethane	11.087	107	27827	20.386	ug/l	99
64) Tetrachloroethene	10.721	164	37761	18.774	ug/l	95
65) Chlorobenzene	11.514	112	115023	18.695	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36178	18.178	ug/l	99
67) Ethyl Benzene	11.593	91	193464	18.623	ug/l	94
68) m/p-Xylenes	11.703	106	154409	37.586	ug/l	98
69) o-Xylene	12.026	106	73857	18.734	ug/l	95
70) Styrene	12.044	104	124472	18.906	ug/l	98
71) Bromoform	12.209	173	21667	19.676	ug/l #	97
73) Isopropylbenzene	12.331	105	190198	18.867	ug/l	98
74) N-amyl acetate	12.142	43	44345	21.191	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	32433	20.169	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	22936m	21.312	ug/l	
77) Bromobenzene	12.605	156	42710	18.442	ug/l	97
78) n-propylbenzene	12.672	91	223274	19.042	ug/l	98
79) 2-Chlorotoluene	12.758	91	121868	18.704	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	151707	19.085	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	11332	20.287	ug/l	97
82) 4-Chlorotoluene	12.855	91	125676	19.202	ug/l	98
83) tert-Butylbenzene	13.075	119	140204	19.122	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	149078	19.146	ug/l	99
85) sec-Butylbenzene	13.251	105	204971	19.059	ug/l	99
86) p-Isopropyltoluene	13.367	119	169522	19.160	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	84638	18.924	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	83254	19.095	ug/l	99
89) n-Butylbenzene	13.696	91	153461	19.166	ug/l	98
90) Hexachloroethane	13.959	117	31762	18.299	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	74983	19.506	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4808	21.958	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	41652	19.274	ug/l	98
94) Hexachlorobutadiene	15.111	225	22544	18.907	ug/l	98
95) Naphthalene	15.233	128	81118	20.484	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	34502	19.454	ug/l	97

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

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