

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018239.D
 Acq On : 13 May 2024 13:26
 Operator : SY/MD
 Sample : VY0513SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBS01

Quant Time: May 14 02:27:38 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	204671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	347481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89776	59.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.240%
35) Dibromofluoromethane	7.710	113	102800	56.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.580%
50) Toluene-d8	10.179	98	416632	57.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.800%
62) 4-Bromofluorobenzene	12.483	95	127731	54.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	36533	22.508	ug/l	95
3) Chloromethane	2.107	50	49612	22.834	ug/l	98
4) Vinyl Chloride	2.247	62	59234	22.489	ug/l	98
5) Bromomethane	2.637	94	40748	22.277	ug/l	100
6) Chloroethane	2.784	64	37303	22.316	ug/l	95
7) Trichlorofluoromethane	3.113	101	64630	20.949	ug/l	97
8) Diethyl Ether	3.521	74	20324	20.012	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	40041	20.365	ug/l	97
10) Methyl Iodide	4.082	142	45155	19.667	ug/l	98
11) Tert butyl alcohol	4.936	59	18020	130.507	ug/l	100
12) 1,1-Dichloroethene	3.863	96	40856	20.641	ug/l	99
13) Acrolein	3.723	56	23322	156.811	ug/l	97
14) Allyl chloride	4.466	41	52854	20.990	ug/l	98
15) Acrylonitrile	5.155	53	40327	103.253	ug/l	99
16) Acetone	3.942	43	29752	99.016	ug/l	88
17) Carbon Disulfide	4.186	76	124305	23.068	ug/l	99
18) Methyl Acetate	4.472	43	17028	19.894	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	88464	20.064	ug/l	99
20) Methylene Chloride	4.704	84	56782	26.736	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	44543	21.230	ug/l	96
22) Diisopropyl ether	6.112	45	108651	20.341	ug/l	95
23) Vinyl Acetate	6.051	43	335819	103.437	ug/l	99
24) 1,1-Dichloroethane	6.009	63	68445	20.804	ug/l	100
25) 2-Butanone	6.984	43	49029	102.077	ug/l	89
26) 2,2-Dichloropropane	6.978	77	61837	20.767	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	51511	20.774	ug/l	95
28) Bromochloromethane	7.326	49	23595	17.943	ug/l	95
29) Tetrahydrofuran	7.344	42	31610	99.701	ug/l	98
30) Chloroform	7.502	83	69107	20.121	ug/l	99
31) Cyclohexane	7.783	56	66862	21.602	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	62738	20.380	ug/l	98
36) 1,1-Dichloropropene	7.911	75	53400	20.398	ug/l	98
37) Ethyl Acetate	7.069	43	20915	18.981	ug/l #	95
38) Carbon Tetrachloride	7.899	117	55911	19.546	ug/l	100
39) Methylcyclohexane	9.179	83	76557	20.270	ug/l	96
40) Benzene	8.155	78	169430	20.120	ug/l	96

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41) Methacrylonitrile	7.313	41	12208m	19.187	ug/l	
42) 1,2-Dichloroethane	8.234	62	37318	20.368	ug/l	97
43) Isopropyl Acetate	8.264	43	44461	19.686	ug/l	97
44) Trichloroethene	8.935	130	44776	19.532	ug/l	99
45) 1,2-Dichloropropane	9.215	63	37226	20.220	ug/l	99
46) Dibromomethane	9.301	93	20661	19.522	ug/l	97
47) Bromodichloromethane	9.496	83	50583	19.332	ug/l	95
48) Methyl methacrylate	9.289	41	19172	18.522	ug/l	91
49) 1,4-Dioxane	9.301	88	5352	380.963	ug/l #	91
51) 4-Methyl-2-Pentanone	10.069	43	108499	95.580	ug/l	95
52) Toluene	10.240	92	107751	19.876	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	47423	19.404	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	58385	19.544	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	27721	19.066	ug/l	95
56) Ethyl methacrylate	10.508	69	37457	18.969	ug/l	91
57) 1,3-Dichloropropane	10.788	76	46415	19.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	98705	104.684	ug/l	92
59) 2-Hexanone	10.831	43	75015	94.512	ug/l	93
60) Dibromochloromethane	10.983	129	35265	18.695	ug/l	98
61) 1,2-Dibromoethane	11.087	107	26816	19.582	ug/l	98
64) Tetrachloroethene	10.721	164	38601	19.711	ug/l	95
65) Chlorobenzene	11.514	112	117177	19.560	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	36802	18.992	ug/l	98
67) Ethyl Benzene	11.593	91	200045	19.778	ug/l	93
68) m/p-Xylenes	11.703	106	160684	40.172	ug/l	95
69) o-Xylene	12.026	106	75464	19.660	ug/l	96
70) Styrene	12.044	104	125033	19.505	ug/l	98
71) Bromoform	12.209	173	19324	18.024	ug/l #	99
73) Isopropylbenzene	12.331	105	191150	19.354	ug/l	97
74) N-amyl acetate	12.142	43	37535	18.307	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	29451	18.693	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	20441m	19.386	ug/l	
77) Bromobenzene	12.611	156	43730	19.273	ug/l	96
78) n-propylbenzene	12.672	91	228211	19.865	ug/l	98
79) 2-Chlorotoluene	12.757	91	123704	19.378	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	153874	19.758	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	10091	18.438	ug/l	96
82) 4-Chlorotoluene	12.855	91	126877	19.786	ug/l	97
83) tert-Butylbenzene	13.074	119	139596	19.433	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	148457	19.460	ug/l	97
85) sec-Butylbenzene	13.251	105	209436	19.876	ug/l	100
86) p-Isopropyltoluene	13.367	119	170685	19.690	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	84817	19.356	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	82850	19.395	ug/l	98
89) n-Butylbenzene	13.696	91	155071	19.767	ug/l	99
90) Hexachloroethane	13.965	117	30533	17.954	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	73496	19.514	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4195	19.554	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	40147	18.961	ug/l	98
94) Hexachlorobutadiene	15.111	225	21723	18.595	ug/l	98
95) Naphthalene	15.239	128	73461	18.934	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	32861	18.911	ug/l	98

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

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