

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017348.D
 Acq On : 09 Feb 2024 18:42
 Operator : SY/MD
 Sample : P1414-03MSD
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(15-16)MSD

Quant Time: Feb 09 22:07:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/12/2024
 Supervised By :Semsettin Yesilyurt 02/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	86136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	151194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	132965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	45869	59.610	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.220%			
35) Dibromofluoromethane	7.728	113	48229	59.079	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.160%			
50) Toluene-d8	10.185	98	169090	56.889	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.780%			
62) 4-Bromofluorobenzene	12.489	95	54360	55.830	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	40318	61.745	ug/l	95
3) Chloromethane	2.119	50	77407	65.989	ug/l	97
4) Vinyl Chloride	2.253	62	90943	63.620	ug/l	99
5) Bromomethane	2.656	94	64434	65.026	ug/l	98
6) Chloroethane	2.796	64	60473	65.519	ug/l	97
7) Trichlorofluoromethane	3.125	101	95949	65.275	ug/l	95
8) Diethyl Ether	3.533	74	32978	71.325	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	55591	62.388	ug/l	99
10) Methyl Iodide	4.100	142	63580	67.872	ug/l	99
11) Tert butyl alcohol	4.966	59	22241	350.003	ug/l #	87
12) 1,1-Dichloroethene	3.875	96	54908	65.764	ug/l	96
13) Acrolein	3.735	56	18587	293.561	ug/l	98
14) Allyl chloride	4.491	41	88020	69.734	ug/l	99
15) Acrylonitrile	5.173	53	75588	363.094	ug/l	100
16) Acetone	3.954	43	59728	264.093	ug/l	97
17) Carbon Disulfide	4.204	76	169042	63.425	ug/l	99
18) Methyl Acetate	4.485	43	49972	99.047	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	144880	72.050	ug/l	100
20) Methylene Chloride	4.728	84	71175	78.862	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	65787	69.262	ug/l	97
22) Diisopropyl ether	6.131	45	197709	71.326	ug/l	98
23) Vinyl Acetate	6.070	43	501916	298.841	ug/l	98
24) 1,1-Dichloroethane	6.027	63	115359	67.936	ug/l	98
25) 2-Butanone	6.996	43	98984	329.227	ug/l	97
26) 2,2-Dichloropropane	6.990	77	91080	64.486	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	74311	69.951	ug/l	98
28) Bromochloromethane	7.344	49	37565	57.777	ug/l	99
29) Tetrahydrofuran	7.362	42	62371	367.236	ug/l	99
30) Chloroform	7.521	83	118802	69.549	ug/l	97
31) Cyclohexane	7.795	56	91850	59.220	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	98892	67.305	ug/l	99
36) 1,1-Dichloropropene	7.929	75	89678	63.685	ug/l	99
37) Ethyl Acetate	7.082	43	42111	64.477	ug/l	99
38) Carbon Tetrachloride	7.911	117	87201	64.677	ug/l	98
39) Methylcyclohexane	9.191	83	94963	57.725	ug/l	98
40) Benzene	8.167	78	270197	67.192	ug/l	97

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41) Methacrylonitrile	7.319	41	23122	74.722	ug/l	96
42) 1,2-Dichloroethane	8.246	62	72030	67.653	ug/l	99
43) Isopropyl Acetate	8.283	43	78058	67.516	ug/l	99
44) Trichloroethene	8.947	130	68181	66.794	ug/l	95
45) 1,2-Dichloropropane	9.221	63	67015	67.847	ug/l	98
46) Dibromomethane	9.313	93	36922	69.200	ug/l	99
47) Bromodichloromethane	9.502	83	91717	68.687	ug/l	97
48) Methyl methacrylate	9.301	41	37019	68.264	ug/l	96
49) 1,4-Dioxane	9.301	88	9079	1563.342	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	220645	356.022	ug/l	100
52) Toluene	10.252	92	165126	68.030	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	86841	69.238	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	103180	68.682	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	50379	69.399	ug/l	99
56) Ethyl methacrylate	10.520	69	62325	62.982	ug/l	99
57) 1,3-Dichloropropane	10.794	76	86861	69.568	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	142253	314.550	ug/l	100
59) 2-Hexanone	10.837	43	144712	322.913	ug/l	99
60) Dibromochloromethane	10.989	129	60060	70.525	ug/l	98
61) 1,2-Dibromoethane	11.093	107	46687	69.151	ug/l	100
64) Tetrachloroethene	10.727	164	55937	64.776	ug/l	96
65) Chlorobenzene	11.520	112	168327	65.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	63561	68.188	ug/l	99
67) Ethyl Benzene	11.599	91	306317	66.078	ug/l	99
68) m/p-Xylenes	11.709	106	235019	133.592	ug/l	98
69) o-Xylene	12.038	106	110392	68.141	ug/l	99
70) Styrene	12.050	104	186460	69.854	ug/l	98
71) Bromoform	12.215	173	34415	70.498	ug/l #	97
73) Isopropylbenzene	12.337	105	280604	64.515	ug/l	100
74) N-amyl acetate	12.148	43	59738	61.126	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	57191	66.854	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	39545m	72.367	ug/l	
77) Bromobenzene	12.617	156	63215	65.524	ug/l	100
78) n-propylbenzene	12.678	91	337978	63.270	ug/l	100
79) 2-Chlorotoluene	12.764	91	190134	64.742	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	222446	64.307	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	17207	65.429	ug/l	99
82) 4-Chlorotoluene	12.861	91	193374	63.977	ug/l	99
83) tert-Butylbenzene	13.081	119	192303	64.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	222196	65.077	ug/l	98
85) sec-Butylbenzene	13.257	105	285489	61.603	ug/l	99
86) p-Isopropyltoluene	13.373	119	229410	61.947	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	121014	62.877	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	119365	63.838	ug/l	100
89) n-Butylbenzene	13.702	91	207989	59.071	ug/l	100
90) Hexachloroethane	13.965	117	46332	60.942	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	106465	64.980	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7596	68.169	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	50058	61.510	ug/l	99
94) Hexachlorobutadiene	15.117	225	23844	49.746	ug/l	99
95) Naphthalene	15.239	128	103474	61.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43027	62.164	ug/l	98

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

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