

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017306.D
 Acq On : 08 Feb 2024 12:37
 Operator : SY/MD
 Sample : VY0208SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0208SBS01

Quant Time: Feb 09 00:11:59 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 02/09/2024
 Supervised By :Semsettin Yesilyurt 02/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	99701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	149114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	64330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	45772	51.391	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.780%			
35) Dibromofluoromethane	7.722	113	46307	49.567	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.140%			
50) Toluene-d8	10.185	98	175625	51.633	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.260%			
62) 4-Bromofluorobenzene	12.489	95	54488	48.901	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14909	19.726	ug/l	95
3) Chloromethane	2.113	50	31705	23.351	ug/l	97
4) Vinyl Chloride	2.247	62	40516	24.487	ug/l	100
5) Bromomethane	2.650	94	29205	25.463	ug/l	97
6) Chloroethane	2.790	64	27640	25.872	ug/l	94
7) Trichlorofluoromethane	3.125	101	36765	21.609	ug/l	98
8) Diethyl Ether	3.528	74	10608	19.821	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	21836	21.172	ug/l	98
10) Methyl Iodide	4.088	142	18590	17.145	ug/l	98
11) Tert butyl alcohol	4.948	59	9094	112.220	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	19457	20.133	ug/l	89
13) Acrolein	3.729	56	7516	94.560	ug/l	99
14) Allyl chloride	4.485	41	30844	21.111	ug/l	95
15) Acrylonitrile	5.161	53	23493	97.497	ug/l	100
16) Acetone	3.948	43	27707	105.841	ug/l	98
17) Carbon Disulfide	4.192	76	52559	17.037	ug/l	100
18) Methyl Acetate	4.479	43	9904	16.959	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	46910	20.155	ug/l	96
20) Methylene Chloride	4.716	84	32063	28.391	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	22426	20.398	ug/l	99
22) Diisopropyl ether	6.125	45	70423	21.949	ug/l	98
23) Vinyl Acetate	6.064	43	201194	103.493	ug/l	99
24) 1,1-Dichloroethane	6.021	63	42299	21.521	ug/l	98
25) 2-Butanone	6.990	43	36671	105.375	ug/l	100
26) 2,2-Dichloropropane	6.984	77	36471	22.309	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	25862	21.033	ug/l	98
28) Bromochloromethane	7.338	49	15110	20.078	ug/l	95
29) Tetrahydrofuran	7.356	42	18812	95.694	ug/l	99
30) Chloroform	7.509	83	43679	22.091	ug/l	98
31) Cyclohexane	7.789	56	36245	20.190	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	37111	21.821	ug/l	98
36) 1,1-Dichloropropene	7.923	75	32495	20.165	ug/l	99
37) Ethyl Acetate	7.076	43	14518	19.424	ug/l	99
38) Carbon Tetrachloride	7.911	117	31721	20.559	ug/l	99
39) Methylcyclohexane	9.191	83	36313	19.289	ug/l	93
40) Benzene	8.167	78	94588	20.554	ug/l	99

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41) Methacrylonitrile	7.326	41	6926m	19.558	ug/l	
42) 1,2-Dichloroethane	8.240	62	24980	20.502	ug/l	98
43) Isopropyl Acetate	8.277	43	26218	19.816	ug/l	99
44) Trichloroethene	8.947	130	23612	20.213	ug/l	96
45) 1,2-Dichloropropane	9.222	63	23718	20.983	ug/l	99
46) Dibromomethane	9.313	93	11849	19.406	ug/l	96
47) Bromodichloromethane	9.502	83	32081	20.994	ug/l	96
48) Methyl methacrylate	9.301	41	12553	20.227	ug/l	96
49) 1,4-Dioxane	9.301	88	2618	393.923	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	72630	102.406	ug/l	99
52) Toluene	10.252	92	59454	21.404	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	28750	20.030	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	33916	19.728	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	16764	20.179	ug/l	92
56) Ethyl methacrylate	10.520	69	19402	19.320	ug/l	93
57) 1,3-Dichloropropane	10.795	76	29456	20.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	50899	98.347	ug/l	98
59) 2-Hexanone	10.843	43	53414	104.151	ug/l	97
60) Dibromochloromethane	10.996	129	19114	19.612	ug/l	98
61) 1,2-Dibromoethane	11.099	107	14768	19.114	ug/l	98
64) Tetrachloroethene	10.728	164	19553	20.191	ug/l	95
65) Chlorobenzene	11.526	112	58551	20.355	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	21691	20.750	ug/l	97
67) Ethyl Benzene	11.599	91	109412	21.046	ug/l	99
68) m/p-Xylenes	11.709	106	81678	41.400	ug/l	98
69) o-Xylene	12.038	106	37912	20.867	ug/l	99
70) Styrene	12.050	104	62449	20.862	ug/l	99
71) Bromoform	12.215	173	10211	18.652	ug/l #	99
73) Isopropylbenzene	12.337	105	102227	21.631	ug/l	99
74) N-amyl acetate	12.154	43	21520	20.266	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	18931	20.367	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	11541m	19.437	ug/l	
77) Bromobenzene	12.617	156	20740	19.785	ug/l	97
78) n-propylbenzene	12.678	91	127772	22.013	ug/l	99
79) 2-Chlorotoluene	12.764	91	69775	21.866	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	79651	21.192	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	5376	18.813	ug/l	98
82) 4-Chlorotoluene	12.861	91	70034	21.325	ug/l	100
83) tert-Butylbenzene	13.087	119	71977	22.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	79413	21.405	ug/l	100
85) sec-Butylbenzene	13.264	105	110379	21.920	ug/l	100
86) p-Isopropyltoluene	13.379	119	86045	21.384	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	41995	20.082	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	41502	20.428	ug/l	96
89) n-Butylbenzene	13.703	91	83719	21.883	ug/l	98
90) Hexachloroethane	13.971	117	17384	21.044	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	35833	20.128	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2296	18.964	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	16567	18.735	ug/l	100
94) Hexachlorobutadiene	15.123	225	10566	20.288	ug/l	97
95) Naphthalene	15.245	128	27516	18.293	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	13653	18.154	ug/l	98

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

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