

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017825.D
 Acq On : 03 Apr 2024 10:31
 Operator : SY/MD
 Sample : VY0403SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Quant Time: Apr 04 01:07:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/04/2024
 Supervised By :Semsettin Yesilyurt 04/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	240826	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	366596	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	314463	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	148556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	111587	53.546	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.100%			
35) Dibromofluoromethane	7.740	113	120567	56.915	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.840%			
50) Toluene-d8	10.197	98	458530	57.947	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 115.900%			
62) 4-Bromofluorobenzene	12.495	95	137604	57.156	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	27277	16.936	ug/l	95
3) Chloromethane	2.125	50	47431	15.089	ug/l	99
4) Vinyl Chloride	2.266	62	61200	14.898	ug/l	98
5) Bromomethane	2.662	94	51961	15.643	ug/l	99
6) Chloroethane	2.808	64	42093	15.705	ug/l	93
7) Trichlorofluoromethane	3.143	101	67155	16.763	ug/l	93
8) Diethyl Ether	3.546	74	19090	16.222	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.918	101	42165	17.550	ug/l	99
10) Methyl Iodide	4.113	142	39744	15.212	ug/l	99
11) Tert butyl alcohol	4.972	59	15813	84.341	ug/l #	87
12) 1,1-Dichloroethene	3.893	96	36405	16.193	ug/l	95
13) Acrolein	3.747	56	15606	106.889	ug/l	98
14) Allyl chloride	4.503	41	44487	16.129	ug/l	99
15) Acrylonitrile	5.180	53	42118	84.789	ug/l	98
16) Acetone	3.966	43	33467	77.691	ug/l	92
17) Carbon Disulfide	4.216	76	87637	13.774	ug/l	100
18) Methyl Acetate	4.503	43	16360	17.146	ug/l	98
19) Methyl tert-butyl Ether	5.253	73	84887	16.491	ug/l	98
20) Methylene Chloride	4.741	84	42953	14.380	ug/l	97
21) trans-1,2-Dichloroethene	5.247	96	38543	16.021	ug/l	99
22) Diisopropyl ether	6.149	45	110012	17.257	ug/l	95
23) Vinyl Acetate	6.088	43	316867	81.410	ug/l	98
24) 1,1-Dichloroethane	6.039	63	73268	17.316	ug/l	96
25) 2-Butanone	7.015	43	49048	79.927	ug/l	94
26) 2,2-Dichloropropane	7.003	77	62166	17.011	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	47681	16.770	ug/l	97
28) Bromochloromethane	7.356	49	31119	18.085	ug/l	92
29) Tetrahydrofuran	7.374	42	29932	81.289	ug/l	99
30) Chloroform	7.527	83	77319	17.612	ug/l	99
31) Cyclohexane	7.807	56	57762	15.734	ug/l #	95
32) 1,1,1-Trichloroethane	7.722	97	65235	17.459	ug/l	98
36) 1,1-Dichloropropene	7.941	75	53772	17.397	ug/l	97
37) Ethyl Acetate	7.100	43	22921	17.184	ug/l	96
38) Carbon Tetrachloride	7.923	117	57066	17.785	ug/l	97
39) Methylcyclohexane	9.203	83	63379	16.416	ug/l	98
40) Benzene	8.179	78	165802	17.406	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	11296m	16.828	ug/l	
42) 1,2-Dichloroethane	8.258	62	42281	18.034	ug/l	98
43) Isopropyl Acetate	8.289	43	41482	17.137	ug/l	99
44) Trichloroethene	8.959	130	43616	17.600	ug/l	98
45) 1,2-Dichloropropane	9.234	63	39644	17.911	ug/l	99
46) Dibromomethane	9.325	93	22752	18.093	ug/l	100
47) Bromodichloromethane	9.514	83	58071	18.276	ug/l	97
48) Methyl methacrylate	9.307	41	17915	19.331	ug/l	98
49) 1,4-Dioxane	9.319	88	4844	343.136	ug/l #	100
51) 4-Methyl-2-Pentanone	10.087	43	112561	101.668	ug/l	98
52) Toluene	10.258	92	103328	17.884	ug/l	98
53) t-1,3-Dichloropropene	10.484	75	50222	17.801	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	60736	17.639	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	30897	18.439	ug/l	98
56) Ethyl methacrylate	10.526	69	35600	19.384	ug/l	97
57) 1,3-Dichloropropane	10.807	76	49804	17.574	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	93507	97.138	ug/l	99
59) 2-Hexanone	10.849	43	75270	98.320	ug/l	96
60) Dibromochloromethane	11.002	129	38748	18.335	ug/l	100
61) 1,2-Dibromoethane	11.105	107	27138	17.762	ug/l	99
64) Tetrachloroethene	10.734	164	50105	18.268	ug/l	98
65) Chlorobenzene	11.532	112	116505	18.061	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.605	131	39001	17.806	ug/l	99
67) Ethyl Benzene	11.605	91	193087	17.412	ug/l	100
68) m/p-Xylenes	11.715	106	147758	35.134	ug/l	98
69) o-Xylene	12.044	106	67412	20.619	ug/l	97
70) Styrene	12.063	104	116225	20.904	ug/l	100
71) Bromoform	12.221	173	21585	17.779	ug/l #	100
73) Isopropylbenzene	12.343	105	181243	17.409	ug/l	99
74) N-amyl acetate	12.160	43	33246	18.855	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	31522	17.504	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	25588m	18.902	ug/l	
77) Bromobenzene	12.623	156	43611	17.589	ug/l	100
78) n-propylbenzene	12.684	91	227437	17.904	ug/l	99
79) 2-Chlorotoluene	12.770	91	125136	17.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	143350	17.643	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	10504	19.913	ug/l	96
82) 4-Chlorotoluene	12.867	91	126566	17.566	ug/l	98
83) tert-Butylbenzene	13.087	119	128560	17.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	140902	17.413	ug/l	99
85) sec-Butylbenzene	13.264	105	194759	17.566	ug/l	99
86) p-Isopropyltoluene	13.379	119	157434	16.988	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	86109	17.502	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	85598	18.177	ug/l	98
89) n-Butylbenzene	13.709	91	149435	17.527	ug/l	98
90) Hexachloroethane	13.971	117	32638	17.711	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	70891	17.383	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4249	17.460	ug/l	92
93) 1,2,4-Trichlorobenzene	15.019	180	37390	16.739	ug/l	99
94) Hexachlorobutadiene	15.123	225	24122	17.814	ug/l	98
95) Naphthalene	15.251	128	55678	17.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	31415	16.649	ug/l	99

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

