

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032224\
 Data File : VY017740.D
 Acq On : 22 Mar 2024 11:37
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2024
 Supervised By :Mahesh Dadoda 03/25/2024

Quant Time: Mar 23 03:43:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 03:33:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	179172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	270324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	240267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	116292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	162945	104.391	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 208.780%#			
35) Dibromofluoromethane	7.740	113	168862	104.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 209.000%#			
50) Toluene-d8	10.197	98	665215	107.564	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 215.120%#			
62) 4-Bromofluorobenzene	12.495	95	203234	109.440	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 218.880%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	134028	86.647	ug/l	99
3) Chloromethane	2.125	50	175017	87.340	ug/l	98
4) Vinyl Chloride	2.265	62	217710	89.858	ug/l	96
5) Bromomethane	2.662	94	169408	89.551	ug/l	95
6) Chloroethane	2.814	64	144138	89.015	ug/l	99
7) Trichlorofluoromethane	3.143	101	221950	86.913	ug/l	94
8) Diethyl Ether	3.552	74	84609	100.495	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.924	101	166082	91.359	ug/l	97
10) Methyl Iodide	4.119	142	218711	98.421	ug/l	99
11) Tert butyl alcohol	4.972	59	51249	493.619	ug/l #	80
12) 1,1-Dichloroethene	3.893	96	160150	93.657	ug/l	89
13) Acrolein	3.753	56	64542	515.718	ug/l	99
14) Allyl chloride	4.503	41	231655	99.964	ug/l	96
15) Acrylonitrile	5.186	53	186566	534.922	ug/l	99
16) Acetone	3.966	43	152506	558.592	ug/l	91
17) Carbon Disulfide	4.222	76	527819	92.250	ug/l	98
18) Methyl Acetate	4.503	43	76025	110.599	ug/l	94
19) Methyl tert-butyl Ether	5.253	73	399469	108.348	ug/l	98
20) Methylene Chloride	4.747	84	173310	87.285	ug/l	92
21) trans-1,2-Dichloroethene	5.253	96	184841	94.820	ug/l	96
22) Diisopropyl ether	6.149	45	518700	102.801	ug/l	97
23) Vinyl Acetate	6.088	43	1645410	555.212	ug/l	96
24) 1,1-Dichloroethane	6.045	63	314251	94.755	ug/l	97
25) 2-Butanone	7.009	43	247018	523.616	ug/l	93
26) 2,2-Dichloropropane	7.009	77	274674	97.435	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	216496	98.183	ug/l	95
28) Bromochloromethane	7.362	49	130583	101.564	ug/l	91
29) Tetrahydrofuran	7.368	42	153318	520.800	ug/l	93
30) Chloroform	7.527	83	323035	93.958	ug/l	98
31) Cyclohexane	7.807	56	286818	92.906	ug/l	98
32) 1,1,1-Trichloroethane	7.728	97	285985	95.512	ug/l	97
36) 1,1-Dichloropropene	7.941	75	250537	100.360	ug/l	97
37) Ethyl Acetate	7.094	43	109298	113.941	ug/l	98
38) Carbon Tetrachloride	7.923	117	261541	100.058	ug/l	99
39) Methylcyclohexane	9.203	83	338246	105.551	ug/l	96
40) Benzene	8.179	78	755087	101.048	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	48418	102.183	ug/l	94
42) 1,2-Dichloroethane	8.252	62	186959	104.456	ug/l	98
43) Isopropyl Acetate	8.289	43	205571	107.488	ug/l	95
44) Trichloroethene	8.959	130	195117	99.826	ug/l	99
45) 1,2-Dichloropropane	9.234	63	174512	102.497	ug/l	97
46) Dibromomethane	9.319	93	100840	106.285	ug/l	99
47) Bromodichloromethane	9.514	83	249517	102.852	ug/l	95
48) Methyl methacrylate	9.307	41	95417	106.606	ug/l	94
49) 1,4-Dioxane	9.313	88	21477	2326.437	ug/l #	96
51) 4-Methyl-2-Pentanone	10.081	43	558934	541.291	ug/l	97
52) Toluene	10.258	92	481249	104.222	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	239255	112.768	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	283698	109.461	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	130406	107.444	ug/l	95
56) Ethyl methacrylate	10.520	69	188388	108.827	ug/l	93
57) 1,3-Dichloropropane	10.807	76	224951	107.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	456878	521.534	ug/l	98
59) 2-Hexanone	10.843	43	401388	547.734	ug/l	96
60) Dibromochloromethane	11.002	129	173015	106.573	ug/l	98
61) 1,2-Dibromoethane	11.099	107	124384	109.159	ug/l	98
64) Tetrachloroethene	10.733	164	207209	93.255	ug/l	96
65) Chlorobenzene	11.532	112	519607	100.465	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	178783	103.513	ug/l	99
67) Ethyl Benzene	11.605	91	930004	104.699	ug/l	99
68) m/p-Xylenes	11.715	106	728916	211.540	ug/l	100
69) o-Xylene	12.044	106	335988	106.801	ug/l	100
70) Styrene	12.056	104	575508	109.917	ug/l	99
71) Bromoform	12.221	173	99288	109.155	ug/l #	97
73) Isopropylbenzene	12.343	105	862045	98.170	ug/l	99
74) N-amyl acetate	12.154	43	190394	102.912	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.593	83	140929	104.232	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	109811m	99.637	ug/l	
77) Bromobenzene	12.623	156	196272	98.173	ug/l	98
78) n-propylbenzene	12.684	91	1054688	99.219	ug/l	100
79) 2-Chlorotoluene	12.770	91	565977	97.092	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	682869	99.339	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	51347	110.484	ug/l	98
82) 4-Chlorotoluene	12.867	91	587014	98.147	ug/l	98
83) tert-Butylbenzene	13.087	119	622194	100.021	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	698013	103.578	ug/l	99
85) sec-Butylbenzene	13.264	105	921921	98.884	ug/l	99
86) p-Isopropyltoluene	13.379	119	804913	103.977	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	404892	99.940	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	379708	97.631	ug/l	99
89) n-Butylbenzene	13.709	91	725160	103.542	ug/l	99
90) Hexachloroethane	13.971	117	151180	95.767	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	329285	98.118	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	19253	107.990	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	180692	111.144	ug/l	99
94) Hexachlorobutadiene	15.123	225	99225	95.083	ug/l	98
95) Naphthalene	15.245	128	333064	107.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	152954	113.950	ug/l	100

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

