

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017883.D
 Acq On : 09 Apr 2024 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/10/2024
 Supervised By :Semsettin Yesilyurt 04/10/2024

Quant Time: Apr 10 04:21:47 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	176943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78665	51.376	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.760%			
35) Dibromofluoromethane	7.716	113	85933	53.862	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.720%			
50) Toluene-d8	10.179	98	320994	53.862	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.720%			
62) 4-Bromofluorobenzene	12.483	95	95834	52.854	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	62880	53.138	ug/l	98
3) Chloromethane	2.113	50	132226	57.252	ug/l	99
4) Vinyl Chloride	2.247	62	205460	68.071	ug/l	99
5) Bromomethane	2.650	94	169290	69.367	ug/l	97
6) Chloroethane	2.790	64	146160	74.219	ug/l	99
7) Trichlorofluoromethane	3.119	101	159907	54.326	ug/l	99
8) Diethyl Ether	3.528	74	42679	49.361	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	88107	49.913	ug/l	98
10) Methyl Iodide	4.089	142	103841	54.094	ug/l	98
11) Tert butyl alcohol	4.948	59	27357	242.433	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	83289	50.422	ug/l	98
13) Acrolein	3.729	56	18576	173.166	ug/l	98
14) Allyl chloride	4.473	41	93976	46.374	ug/l	88
15) Acrylonitrile	5.155	53	85392	233.968	ug/l	99
16) Acetone	3.942	43	85256	269.370	ug/l	94
17) Carbon Disulfide	4.192	76	215136	46.023	ug/l	97
18) Methyl Acetate	4.473	43	31904	45.510	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	202925	53.654	ug/l	97
20) Methylene Chloride	4.710	84	90058	46.234	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	91761	51.912	ug/l	97
22) Diisopropyl ether	6.119	45	230739	49.262	ug/l	95
23) Vinyl Acetate	6.058	43	715012	250.024	ug/l	99
24) 1,1-Dichloroethane	6.015	63	157771	50.750	ug/l	99
25) 2-Butanone	6.984	43	112175	248.792	ug/l	99
26) 2,2-Dichloropropane	6.978	77	145113	54.044	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	110459	52.876	ug/l	99
28) Bromochloromethane	7.332	49	62147	49.158	ug/l	96
29) Tetrahydrofuran	7.344	42	62805	232.146	ug/l	97
30) Chloroform	7.503	83	170678	52.914	ug/l	98
31) Cyclohexane	7.789	56	123276	45.703	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	148504	54.093	ug/l	97
36) 1,1-Dichloropropene	7.917	75	121165	52.051	ug/l	97
37) Ethyl Acetate	7.070	43	46936	46.723	ug/l	96
38) Carbon Tetrachloride	7.899	117	130948	54.187	ug/l	99
39) Methylcyclohexane	9.185	83	148556	51.090	ug/l	98
40) Benzene	8.161	78	373574	52.074	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	32286m	55.135	ug/l	
42) 1,2-Dichloroethane	8.234	62	92031	52.121	ug/l	99
43) Isopropyl Acetate	8.271	43	91867	50.392	ug/l	97
44) Trichloroethene	8.941	130	97945	52.477	ug/l	98
45) 1,2-Dichloropropane	9.216	63	83470	50.072	ug/l	98
46) Dibromomethane	9.307	93	49313	52.069	ug/l	98
47) Bromodichloromethane	9.496	83	127723	53.373	ug/l	95
48) Methyl methacrylate	9.295	41	38477	49.786	ug/l #	89
49) 1,4-Dioxane	9.301	88	11558	1087.099	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	243249	266.679	ug/l	100
52) Toluene	10.246	92	232412	53.410	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	113375	53.358	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	135537	52.265	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	66165	52.431	ug/l	96
56) Ethyl methacrylate	10.508	69	84399	53.790	ug/l #	95
57) 1,3-Dichloropropane	10.789	76	110528	51.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	204668	259.527	ug/l	99
59) 2-Hexanone	10.831	43	178265	273.246	ug/l	99
60) Dibromochloromethane	10.984	129	84725	53.231	ug/l	99
61) 1,2-Dibromoethane	11.087	107	59502	51.709	ug/l	98
64) Tetrachloroethene	10.721	164	107040	51.495	ug/l	98
65) Chlorobenzene	11.514	112	254667	52.093	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	89697	54.036	ug/l	99
67) Ethyl Benzene	11.593	91	457107	54.391	ug/l	99
68) m/p-Xylenes	11.703	106	352306	110.539	ug/l	100
69) o-Xylene	12.032	106	165717	60.446	ug/l	100
70) Styrene	12.044	104	279177	59.326	ug/l	100
71) Bromoform	12.209	173	47698	51.839	ug/l #	98
73) Isopropylbenzene	12.331	105	435544	55.582	ug/l	99
74) N-amyl acetate	12.142	43	80890	53.923	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	68372	50.440	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	52437m	51.462	ug/l	
77) Bromobenzene	12.611	156	97444	52.213	ug/l	98
78) n-propylbenzene	12.672	91	526525	55.066	ug/l	100
79) 2-Chlorotoluene	12.758	91	275198	52.544	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	337238	55.145	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	23548	53.294	ug/l	98
82) 4-Chlorotoluene	12.855	91	280621	51.745	ug/l	97
83) tert-Butylbenzene	13.075	119	309349	55.638	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	338537	55.582	ug/l	100
85) sec-Butylbenzene	13.252	105	475907	57.028	ug/l	100
86) p-Isopropyltoluene	13.373	119	397415	56.974	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	195851	52.886	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	185063	52.210	ug/l	99
89) n-Butylbenzene	13.697	91	373899	58.261	ug/l	98
90) Hexachloroethane	13.959	117	74679	53.841	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	160679	52.344	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9522	51.983	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	92999	55.312	ug/l	100
94) Hexachlorobutadiene	15.111	225	53820	52.804	ug/l	99
95) Naphthalene	15.239	128	164727	58.137	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	76862	54.119	ug/l	97

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

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