

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014152.D
 Acq On : 13 Jun 2023 20:09
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

Quant Time: Jun 14 01:40:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	174851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	118105	48.507	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.020%		
35) Dibromofluoromethane	7.716	113	100211	52.660	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.320%		
50) Toluene-d8	10.179	98	339698	47.748	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.500%		
62) 4-Bromofluorobenzene	12.483	95	137221	54.297	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	108.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	83696	42.950	ug/l	98
3) Chloromethane	2.113	50	96518	39.062	ug/l	100
4) Vinyl Chloride	2.247	62	98664	41.071	ug/l	98
5) Bromomethane	2.650	94	78398	39.553	ug/l	100
6) Chloroethane	2.790	64	67625	41.427	ug/l	92
7) Trichlorofluoromethane	3.125	101	179426	45.975	ug/l	99
8) Diethyl Ether	3.528	74	63338	48.604	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	94558	48.008	ug/l	100
10) Methyl Iodide	4.088	142	99759	38.357	ug/l	97
11) Tert butyl alcohol	4.954	59	63644	223.627	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	87854	44.006	ug/l	97
13) Acrolein	3.729	56	26835	236.351	ug/l	99
14) Allyl chloride	4.479	41	155985	43.104	ug/l	96
15) Acrylonitrile	5.161	53	177945	264.733	ug/l	99
16) Acetone	3.942	43	156219	212.852	ug/l	97
17) Carbon Disulfide	4.192	76	227746	35.204	ug/l	99
18) Methyl Acetate	4.479	43	138348	48.564	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	302903	51.443	ug/l	99
20) Methylene Chloride	4.716	84	158678	69.090	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	99124	44.516	ug/l	98
22) Diisopropyl ether	6.119	45	360981	52.099	ug/l	96
23) Vinyl Acetate	6.058	43	1052933	257.560	ug/l	99
24) 1,1-Dichloroethane	6.015	63	195377	48.907	ug/l	99
25) 2-Butanone	6.984	43	234154	259.180	ug/l	100
26) 2,2-Dichloropropane	6.978	77	168938	45.024	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	122804	49.301	ug/l	97
28) Bromochloromethane	7.332	49	77649	47.796	ug/l	95
29) Tetrahydrofuran	7.350	42	155486	271.411	ug/l	98
30) Chloroform	7.509	83	220789	52.095	ug/l	96
31) Cyclohexane	7.783	56	138199	42.370	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	187644	49.090	ug/l	100
36) 1,1-Dichloropropene	7.917	75	138988	46.849	ug/l	99
37) Ethyl Acetate	7.076	43	106784	52.166	ug/l	99
38) Carbon Tetrachloride	7.899	117	172156	50.285	ug/l	97
39) Methylcyclohexane	9.185	83	150667	45.773	ug/l	100
40) Benzene	8.161	78	431448	48.906	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	53481m	51.193	ug/l	
42) 1,2-Dichloroethane	8.234	62	161563	51.789	ug/l	99
43) Isopropyl Acetate	8.271	43	191664	53.422	ug/l	100
44) Trichloroethene	8.941	130	115444	48.979	ug/l	96
45) 1,2-Dichloropropane	9.216	63	113498	50.651	ug/l	99
46) Dibromomethane	9.307	93	72515	52.573	ug/l	99
47) Bromodichloromethane	9.496	83	171516	53.108	ug/l	97
48) Methyl methacrylate	9.295	41	90401	54.023	ug/l	98
49) 1,4-Dioxane	9.295	88	20196	1152.324	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	546289	280.265	ug/l	99
52) Toluene	10.246	92	276592	50.577	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	176307	51.858	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	190106	51.249	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	98520	53.851	ug/l	97
56) Ethyl methacrylate	10.508	69	137397	54.448	ug/l	97
57) 1,3-Dichloropropane	10.788	76	167663	53.584	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	317316	277.817	ug/l	98
59) 2-Hexanone	10.831	43	392237	278.614	ug/l	100
60) Dibromochloromethane	10.983	129	129053	55.114	ug/l	99
61) 1,2-Dibromoethane	11.087	107	95160	52.704	ug/l	100
64) Tetrachloroethene	10.721	164	107528	48.359	ug/l	97
65) Chlorobenzene	11.514	112	310369	49.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	126102	51.148	ug/l	99
67) Ethyl Benzene	11.593	91	544654	49.642	ug/l	100
68) m/p-Xylenes	11.703	106	430057	101.905	ug/l	99
69) o-Xylene	12.032	106	209382	52.477	ug/l	99
70) Styrene	12.044	104	364118	53.470	ug/l	100
71) Bromoform	12.209	173	91688	54.303	ug/l #	99
73) Isopropylbenzene	12.331	105	542694	48.331	ug/l	100
74) N-amyl acetate	12.142	43	186350	52.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	126440	50.394	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	101029m	52.317	ug/l	
77) Bromobenzene	12.611	156	142458	48.271	ug/l	97
78) n-propylbenzene	12.672	91	665444	48.520	ug/l	100
79) 2-Chlorotoluene	12.758	91	383160	48.554	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	460771	47.925	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	44348	49.641	ug/l	98
82) 4-Chlorotoluene	12.855	91	407854	48.771	ug/l	100
83) tert-Butylbenzene	13.075	119	391313	47.894	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	467853	49.159	ug/l	100
85) sec-Butylbenzene	13.251	105	579689	48.801	ug/l	100
86) p-Isopropyltoluene	13.367	119	493568	48.550	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	275307	48.859	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	275395	48.508	ug/l	99
89) n-Butylbenzene	13.696	91	460538	48.842	ug/l	99
90) Hexachloroethane	13.959	117	98076	48.414	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	253533	50.097	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23862	49.942	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	161300	50.313	ug/l	99
94) Hexachlorobutadiene	15.111	225	92051	49.734	ug/l	99
95) Naphthalene	15.239	128	341798	52.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	148509	51.264	ug/l	100

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

