

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011403.D
 Acq On : 10 Nov 2022 20:02
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Nov 10 22:18:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	272987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	424536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	390373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109631	47.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.860%
35) Dibromofluoromethane	7.716	113	116735	49.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.120%
50) Toluene-d8	10.179	98	428730	47.169	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.340%
62) 4-Bromofluorobenzene	12.477	95	157782	49.770	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.540%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	75857	46.242	ug/l	96
3) Chloromethane	2.113	50	98114	44.719	ug/l	97
4) Vinyl Chloride	2.247	62	115703	44.737	ug/l	98
5) Bromomethane	2.643	94	85137	45.459	ug/l	93
6) Chloroethane	2.790	64	80418	46.827	ug/l	99
7) Trichlorofluoromethane	3.119	101	192346	47.136	ug/l	93
8) Diethyl Ether	3.527	74	69543	48.532	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	120191	48.583	ug/l	95
10) Methyl Iodide	4.088	142	153407	46.493	ug/l	91
11) Tert butyl alcohol	4.948	59	67311	237.912	ug/l	99
12) 1,1-Dichloroethene	3.863	96	114678	46.817	ug/l #	77
13) Acrolein	3.722	56	14381	206.952	ug/l	99
14) Allyl chloride	4.472	41	160134	48.443	ug/l #	83
15) Acrylonitrile	5.155	53	174190	254.407	ug/l	96
16) Acetone	3.942	43	120486	199.599	ug/l #	78
17) Carbon Disulfide	4.186	76	337611	46.274	ug/l	99
18) Methyl Acetate	4.472	43	78946	47.084	ug/l #	84
19) Methyl tert-butyl Ether	5.216	73	321087	50.121	ug/l	97
20) Methylene Chloride	4.710	84	166947	51.033	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	136064	48.719	ug/l	83
22) Diisopropyl ether	6.112	45	363594	51.538	ug/l #	91
23) Vinyl Acetate	6.051	43	1102885	267.222	ug/l #	88
24) 1,1-Dichloroethane	6.009	63	230556	50.186	ug/l	98
25) 2-Butanone	6.978	43	200357	233.016	ug/l #	82
26) 2,2-Dichloropropane	6.978	77	201077	46.801	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	157309	50.049	ug/l	83
28) Bromochloromethane	7.325	49	89439	53.608	ug/l #	72
29) Tetrahydrofuran	7.344	42	135082	259.350	ug/l #	78
30) Chloroform	7.502	83	247246	50.886	ug/l	99
31) Cyclohexane	7.783	56	193800	47.147	ug/l	88
32) 1,1,1-Trichloroethane	7.697	97	217457	49.484	ug/l	95
36) 1,1-Dichloropropene	7.911	75	184189	49.880	ug/l	97
37) Ethyl Acetate	7.063	43	92621	52.215	ug/l #	90
38) Carbon Tetrachloride	7.899	117	201880	50.260	ug/l	99
39) Methylcyclohexane	9.179	83	223820	49.605	ug/l	88
40) Benzene	8.155	78	550036	49.880	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	51773m	56.365	ug/l	11/11/2022
42) 1,2-Dichloroethane	8.234	62	148530	51.398	ug/l	Supervised By :Mahesh
43) Isopropyl Acetate	8.270	43	161328	50.415	ug/l #	89Dadoda
44) Trichloroethene	8.935	130	153770	49.641	ug/l	100
45) 1,2-Dichloropropane	9.215	63	135398	51.591	ug/l	95
46) Dibromomethane	9.301	93	78552	51.408	ug/l	96
47) Bromodichloromethane	9.490	83	189187	51.676	ug/l	99
48) Methyl methacrylate	9.289	41	76051	52.885	ug/l #	11/11/2022
49) 1,4-Dioxane	9.295	88	22939	1099.627	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	458144	266.240	ug/l #	83
52) Toluene	10.240	92	355081	50.426	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	192775	51.068	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	219014	50.269	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	115172	52.049	ug/l	98
56) Ethyl methacrylate	10.508	69	152150	53.471	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	191196	51.796	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	355132	269.997	ug/l	93
59) 2-Hexanone	10.831	43	318674	261.412	ug/l	80
60) Dibromochloromethane	10.983	129	142630	52.220	ug/l	99
61) 1,2-Dibromoethane	11.087	107	109602	51.515	ug/l	100
64) Tetrachloroethene	10.715	164	154328	49.458	ug/l	97
65) Chlorobenzene	11.514	112	383638	49.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	146468	50.104	ug/l	98
67) Ethyl Benzene	11.587	91	685673	50.223	ug/l	99
68) m/p-Xylenes	11.703	106	538624	100.630	ug/l	93
69) o-Xylene	12.026	106	255369	50.585	ug/l	92
70) Styrene	12.044	104	441824	52.063	ug/l	94
71) Bromoform	12.203	173	93241	51.459	ug/l #	98
73) Isopropylbenzene	12.325	105	670835	48.908	ug/l	100
74) N-amyl acetate	12.142	43	147185	51.004	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	130341	49.459	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	93429m	40.672	ug/l	
77) Bromobenzene	12.605	156	162610	49.576	ug/l	92
78) n-propylbenzene	12.666	91	808837	49.421	ug/l	98
79) 2-Chlorotoluene	12.751	91	455927	48.711	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	572911	49.522	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	45580	47.695	ug/l #	81
82) 4-Chlorotoluene	12.849	91	472435	48.622	ug/l	98
83) tert-Butylbenzene	13.074	119	497959	49.784	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	567152	49.944	ug/l	99
85) sec-Butylbenzene	13.251	105	727847	49.434	ug/l	99
86) p-Isopropyltoluene	13.367	119	616787	49.976	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	317605	48.507	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	316018	48.806	ug/l	99
89) n-Butylbenzene	13.696	91	549767	49.575	ug/l	98
90) Hexachloroethane	13.958	117	117796	48.783	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	287974	49.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21182	49.331	ug/l	76
93) 1,2,4-Trichlorobenzene	15.001	180	171109	49.972	ug/l	99
94) Hexachlorobutadiene	15.111	225	99666	49.269	ug/l	98
95) Naphthalene	15.233	128	351761	47.058	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	150795	50.998	ug/l	99

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

11/11/2022
Supervised By :Mahesh
Dadoda

11/11/2022

Reviewed By :Krupa Patel

Abundance

11/11/2022

Supervised By :Mahesh
Dadoda

