

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011382.D
 Acq On : 10 Nov 2022 11:30
 Operator : KP/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 :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 12:09:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 12:08:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	294626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	452580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	411824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	223334	70.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.760%	
35) Dibromofluoromethane	7.716	113	240138	82.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 165.160%#	
50) Toluene-d8	10.179	98	889219	78.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 157.520%#	
62) 4-Bromofluorobenzene	12.477	95	322414	82.261	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 164.520%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	163399	72.393	ug/l	100
3) Chloromethane	2.113	50	207797	63.605	ug/l	95
4) Vinyl Chloride	2.253	62	249433	68.350	ug/l	99
5) Bromomethane	2.643	94	176604	72.537	ug/l	98
6) Chloroethane	2.790	64	172014	73.352	ug/l	98
7) Trichlorofluoromethane	3.119	101	413272	76.654	ug/l	94
8) Diethyl Ether	3.527	74	154815	80.026	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.893	101	256167	79.029	ug/l	95
10) Methyl Iodide	4.088	142	370315	88.750	ug/l	90
11) Tert butyl alcohol	4.948	59	142260	436.810	ug/l	98
12) 1,1-Dichloroethene	3.869	96	253799	79.193	ug/l #	80
13) Acrolein	3.729	56	33813	196.910	ug/l	98
14) Allyl chloride	4.478	41	360462	74.253	ug/l #	83
15) Acrylonitrile	5.155	53	380373	391.838	ug/l	97
16) Acetone	3.942	43	329116	346.009	ug/l #	81
17) Carbon Disulfide	4.192	76	739806	70.283	ug/l	100
18) Methyl Acetate	4.472	43	175578	69.723	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	719753	84.515	ug/l	95
20) Methylene Chloride	4.710	84	348343	93.971	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	294943	80.915	ug/l	84
22) Diisopropyl ether	6.118	45	774987	76.999	ug/l #	88
23) Vinyl Acetate	6.057	43	2422063	394.268	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	487165	77.290	ug/l	98
25) 2-Butanone	6.984	43	475168	355.041	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	446442	77.461	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	337355	83.994	ug/l	84
28) Bromochloromethane	7.332	49	183482	75.783	ug/l #	72
29) Tetrahydrofuran	7.344	42	296859	381.012	ug/l #	77
30) Chloroform	7.502	83	518558	81.458	ug/l	100
31) Cyclohexane	7.783	56	421979	72.252	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	465747	82.486	ug/l	94
36) 1,1-Dichloropropene	7.917	75	396040	83.401	ug/l	96
37) Ethyl Acetate	7.069	43	197259	77.059	ug/l #	90
38) Carbon Tetrachloride	7.899	117	429681	87.219	ug/l	99
39) Methylcyclohexane	9.185	83	496724	85.982	ug/l #	86
40) Benzene	8.161	78	1175985	84.263	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	108420m	77.948	ug/l	
42) 1,2-Dichloroethane	8.234	62	312181	82.374	ug/l	89
43) Isopropyl Acetate	8.270	43	362550	80.387	ug/l #	84
44) Trichloroethene	8.941	130	331429	88.737	ug/l	98
45) 1,2-Dichloropropane	9.215	63	283781	82.248	ug/l	96
46) Dibromomethane	9.307	93	165395	84.841	ug/l	96
47) Bromodichloromethane	9.496	83	398329	86.194	ug/l	98
48) Methyl methacrylate	9.289	41	170148	82.136	ug/l #	74
49) 1,4-Dioxane	9.295	88	48455	1847.583	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	996008	406.160	ug/l #	83
52) Toluene	10.246	92	764810	88.380	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	423579	87.032	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	482367	86.618	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	242935	86.949	ug/l	97
56) Ethyl methacrylate	10.508	69	335172	90.818	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	406912	85.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	745600	430.937	ug/l	92
59) 2-Hexanone	10.831	43	716518	409.269	ug/l	79
60) Dibromochloromethane	10.983	129	301577	90.846	ug/l	100
61) 1,2-Dibromoethane	11.087	107	233647	88.083	ug/l	100
64) Tetrachloroethene	10.721	164	326852	93.435	ug/l	99
65) Chlorobenzene	11.514	112	816021	89.813	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	310286	92.750	ug/l	98
67) Ethyl Benzene	11.593	91	1459492	90.557	ug/l	97
68) m/p-Xylenes	11.703	106	1139761	182.180	ug/l	94
69) o-Xylene	12.026	106	547186	93.305	ug/l	92
70) Styrene	12.044	104	928315	93.376	ug/l	95
71) Bromoform	12.209	173	194835	93.702	ug/l #	99
73) Isopropylbenzene	12.331	105	1425113	94.405	ug/l	100
74) N-amyl acetate	12.142	43	321683	84.891	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	270884	86.716	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	248315m	101.022	ug/l	
77) Bromobenzene	12.605	156	337393	95.017	ug/l	94
78) n-propylbenzene	12.672	91	1683614	91.145	ug/l	97
79) 2-Chlorotoluene	12.757	91	956626	90.386	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	1176487	92.100	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	101021	87.956	ug/l #	80
82) 4-Chlorotoluene	12.855	91	984267	90.243	ug/l	98
83) tert-Butylbenzene	13.074	119	1035591	94.086	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	1166857	92.359	ug/l	98
85) sec-Butylbenzene	13.251	105	1505345	92.243	ug/l	98
86) p-Isopropyltoluene	13.367	119	1272444	93.547	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	659470	92.621	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	646026	90.468	ug/l	98
89) n-Butylbenzene	13.696	91	1145000	90.145	ug/l	98
90) Hexachloroethane	13.958	117	240499	88.408	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	584783	91.948	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	45970	85.905	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	365978	95.208	ug/l	99
94) Hexachlorobutadiene	15.111	225	203393	90.873	ug/l	99
95) Naphthalene	15.233	128	769379	82.776	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	317843	94.088	ug/l	99

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

