

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010415.D
 Acq On : 09 Sep 2022 13:40
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 09 16:54:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 16:52:24 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	277693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	423170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	384494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	274857	98.275	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 196.540%#			
35) Dibromofluoromethane	7.709	113	270684	90.066	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 180.140%#			
50) Toluene-d8	10.179	98	1027519	105.492	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 210.980%#			
62) 4-Bromofluorobenzene	12.477	95	368425	82.427	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 164.860%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	183962	86.461	ug/l	99
3) Chloromethane	2.107	50	281950	90.373	ug/l	96
4) Vinyl Chloride	2.241	62	356100	92.517	ug/l	100
5) Bromomethane	2.637	94	237354	88.021	ug/l	99
6) Chloroethane	2.784	64	242288	94.110	ug/l	100
7) Trichlorofluoromethane	3.113	101	459294	94.203	ug/l	94
8) Diethyl Ether	3.521	74	152880	96.818	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.887	101	272223	95.362	ug/l	96
10) Methyl Iodide	4.082	142	366543	103.765	ug/l	91
11) Tert butyl alcohol	4.954	59	138935	368.157	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	254312	94.964	ug/l	82
13) Acrolein	3.722	56	130133	487.721	ug/l	97
14) Allyl chloride	4.466	41	380082	98.559	ug/l #	94
15) Acrylonitrile	5.155	53	380842	498.227	ug/l	98
16) Acetone	3.942	43	303158	472.324	ug/l	90
17) Carbon Disulfide	4.186	76	679098	93.773	ug/l	99
18) Methyl Acetate	4.466	43	183511	92.937	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	737822	99.766	ug/l	96
20) Methylene Chloride	4.704	84	291110	74.317	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	291222	95.774	ug/l	85
22) Diisopropyl ether	6.112	45	867250	100.734	ug/l #	93
23) Vinyl Acetate	6.051	43	2783164	527.514	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	506912	97.256	ug/l	99
25) 2-Butanone	6.978	43	499532	489.724	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	470525	94.605	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	342345	96.858	ug/l	87
28) Bromochloromethane	7.325	49	177131	105.997	ug/l #	79
29) Tetrahydrofuran	7.344	42	324478	509.690	ug/l #	84
30) Chloroform	7.502	83	537073	97.144	ug/l	100
31) Cyclohexane	7.777	56	429812	90.968	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	491978	98.274	ug/l	96
36) 1,1-Dichloropropene	7.911	75	404589	98.335	ug/l	97
37) Ethyl Acetate	7.069	43	224343	103.723	ug/l #	94
38) Carbon Tetrachloride	7.892	117	454249	99.238	ug/l	99
39) Methylcyclohexane	9.179	83	504676	98.374	ug/l	89
40) Benzene	8.154	78	1171512	98.911	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	113235m	96.523	ug/l	
42) 1,2-Dichloroethane	8.234	62	348017	98.810	ug/l	93
43) Isopropyl Acetate	8.270	43	421159	106.400	ug/l #	91
44) Trichloroethene	8.935	130	342342	98.194	ug/l	100
45) 1,2-Dichloropropane	9.215	63	288823	99.987	ug/l	96
46) Dibromomethane	9.301	93	172952	99.286	ug/l	96
47) Bromodichloromethane	9.490	83	417794	100.975	ug/l	98
48) Methyl methacrylate	9.288	41	190909	107.389	ug/l #	86
49) 1,4-Dioxane	9.295	88	49628	2152.206	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	1163299	535.798	ug/l	90
52) Toluene	10.239	92	771351	99.521	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	440736	103.507	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	486481	101.294	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	247908	100.047	ug/l	97
56) Ethyl methacrylate	10.508	69	349401	107.368	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	411752	99.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	418465	378.003	ug/l	93
59) 2-Hexanone	10.831	43	810121	547.387	ug/l	88
60) Dibromochloromethane	10.983	129	309418	102.183	ug/l	100
61) 1,2-Dibromoethane	11.087	107	242154	100.670	ug/l	99
64) Tetrachloroethene	10.715	164	333457	96.219	ug/l	98
65) Chlorobenzene	11.514	112	838316	97.496	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	318974	100.159	ug/l	98
67) Ethyl Benzene	11.593	91	1515396	99.577	ug/l	96
68) m/p-Xylenes	11.703	106	1198634	200.624	ug/l	93
69) o-Xylene	12.026	106	571522	100.183	ug/l	93
70) Styrene	12.044	104	980598	101.560	ug/l	96
71) Bromoform	12.209	173	204770	102.845	ug/l #	99
73) Isopropylbenzene	12.331	105	1526408	97.978	ug/l	99
74) N-amyl acetate	12.142	43	410599	112.958	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	283157	97.162	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	219426m	101.084	ug/l	
77) Bromobenzene	12.605	156	356940	96.691	ug/l	95
78) n-propylbenzene	12.672	91	1813360	98.295	ug/l	97
79) 2-Chlorotoluene	12.757	91	1012971	97.750	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	1285520	97.797	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	105860	106.660	ug/l	88
82) 4-Chlorotoluene	12.855	91	1072515	99.485	ug/l	98
83) tert-Butylbenzene	13.074	119	1135350	98.819	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	1276115	99.219	ug/l	98
85) sec-Butylbenzene	13.251	105	1674998	98.458	ug/l	99
86) p-Isopropyltoluene	13.367	119	1438953	99.995	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	719272	97.030	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	709893	96.711	ug/l	98
89) n-Butylbenzene	13.696	91	1298330	99.397	ug/l	98
90) Hexachloroethane	13.958	117	261196	96.674	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	637746	97.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	49222	100.064	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	408506	100.178	ug/l	100
94) Hexachlorobutadiene	15.111	225	235499	95.715	ug/l	98
95) Naphthalene	15.232	128	846104	105.197	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	352434	99.008	ug/l	98

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

