

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011210.D
 Acq On : 01 Nov 2022 09:39
 Operator : KP/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 01 11:10:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:09:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	220554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	366376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	13010	5.331	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.660%#		
35) Dibromofluoromethane	7.716	113	12211	4.891	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.780%#		
50) Toluene-d8	10.173	98	47589	5.095	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.180%#		
62) 4-Bromofluorobenzene	12.477	95	16075	5.114	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.220%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	11450	5.213	ug/l	99
3) Chloromethane	2.107	50	13579	5.292	ug/l	95
4) Vinyl Chloride	2.247	62	14790	5.219	ug/l	99
5) Bromomethane	2.643	94	10526	5.525	ug/l	95
6) Chloroethane	2.790	64	9390	5.200	ug/l	94
7) Trichlorofluoromethane	3.119	101	21316	5.164	ug/l	100
8) Diethyl Ether	3.521	74	7116	4.948	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.899	101	12675	5.155	ug/l	93
10) Methyl Iodide	4.082	142	13982	4.580	ug/l	93
11) Tert butyl alcohol	4.936	59	17715	35.232	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	12298	5.109	ug/l	78
13) Acrolein	3.723	56	4417	27.605	ug/l	98
14) Allyl chloride	4.472	41	17959	4.977	ug/l #	85
15) Acrylonitrile	5.161	53	18470	25.458	ug/l	98
16) Acetone	3.942	43	17238	24.768	ug/l #	78
17) Carbon Disulfide	4.186	76	41347	5.161	ug/l	96
18) Methyl Acetate	4.472	43	10639	4.791	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	30250	4.838	ug/l	99
20) Methylene Chloride	4.704	84	28685	5.657	ug/l #	86
21) trans-1,2-Dichloroethene	5.216	96	13841	5.037	ug/l	89
22) Diisopropyl ether	6.112	45	36095	4.766	ug/l #	94
23) Vinyl Acetate	6.051	43	104128	23.123	ug/l	96
24) 1,1-Dichloroethane	6.015	63	24225	5.076	ug/l	98
25) 2-Butanone	6.984	43	25716	25.805	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	24604	5.557	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	14820	4.940	ug/l	97
28) Bromochloromethane	7.325	49	9291	5.697	ug/l	87
29) Tetrahydrofuran	7.344	42	14407	24.951	ug/l #	86
30) Chloroform	7.502	83	24659	5.107	ug/l	100
31) Cyclohexane	7.777	56	24204	5.451	ug/l #	72
32) 1,1,1-Trichloroethane	7.697	97	21225	4.996	ug/l	96
36) 1,1-Dichloropropene	7.911	75	19077	4.973	ug/l	97
37) Ethyl Acetate	7.069	43	10894	5.225	ug/l	96
38) Carbon Tetrachloride	7.899	117	20253	5.075	ug/l	93
39) Methylcyclohexane	9.179	83	21202	4.658	ug/l	94
40) Benzene	8.155	78	56869	5.006	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	5189m	4.768	ug/l	
42) 1,2-Dichloroethane	8.228	62	15498	5.022	ug/l	91
43) Isopropyl Acetate	8.264	43	17607	4.903	ug/l #	90
44) Trichloroethene	8.935	130	14779	4.913	ug/l	89
45) 1,2-Dichloropropane	9.215	63	13751	4.907	ug/l	100
46) Dibromomethane	9.301	93	7864	4.978	ug/l	96
47) Bromodichloromethane	9.490	83	18179	4.880	ug/l	97
48) Methyl methacrylate	9.289	41	7626	4.696	ug/l #	78
49) 1,4-Dioxane	9.289	88	1910	93.377	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	46680	23.821	ug/l	89
52) Toluene	10.240	92	33681	4.828	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	18593	4.799	ug/l	91
54) cis-1,3-Dichloropropene	9.923	75	21272	4.788	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	11317	4.964	ug/l	95
56) Ethyl methacrylate	10.508	69	12651	4.439	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	19209	4.970	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	31156	26.339	ug/l	97
59) 2-Hexanone	10.831	43	30945	22.550	ug/l	87
60) Dibromochloromethane	10.977	129	13177	4.913	ug/l	98
61) 1,2-Dibromoethane	11.087	107	10301	4.820	ug/l	97
64) Tetrachloroethene	10.715	164	13899	4.897	ug/l	88
65) Chlorobenzene	11.514	112	36192	4.914	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	13436	4.941	ug/l	97
67) Ethyl Benzene	11.587	91	61442	4.772	ug/l	98
68) m/p-Xylenes	11.697	106	47126	9.390	ug/l	94
69) o-Xylene	12.026	106	21924	4.703	ug/l	92
70) Styrene	12.038	104	36250	4.585	ug/l	96
71) Bromoform	12.203	173	8324	4.952	ug/l #	99
73) Isopropylbenzene	12.325	105	56160	4.624	ug/l	99
74) N-amyl acetate	12.142	43	13834	4.599	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.575	83	13008	5.031	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	11337m	5.300	ug/l	
77) Bromobenzene	12.605	156	14060	4.870	ug/l	98
78) n-propylbenzene	12.666	91	69874	4.663	ug/l	98
79) 2-Chlorotoluene	12.751	91	41433	4.804	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	48386	4.668	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	4582	4.913	ug/l #	83
82) 4-Chlorotoluene	12.849	91	42704	4.791	ug/l	100
83) tert-Butylbenzene	13.074	119	41389	4.678	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	46536	4.552	ug/l	98
85) sec-Butylbenzene	13.251	105	61752	4.654	ug/l	99
86) p-Isopropyltoluene	13.367	119	50606	4.616	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	28954	4.943	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	29477	4.976	ug/l	94
89) n-Butylbenzene	13.690	91	47505	4.639	ug/l	100
90) Hexachloroethane	13.958	117	11320	5.038	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	25752	4.907	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2301	5.262	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	13704	4.536	ug/l	98
94) Hexachlorobutadiene	15.111	225	9120	4.972	ug/l	97
95) Naphthalene	15.233	128	26011	4.336	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	12368	4.652	ug/l	99

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

