

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011235.D
 Acq On : 01 Nov 2022 20:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 02 01:44:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	236993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	383618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	353898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	126564	49.934	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.860%		
35) Dibromofluoromethane	7.710	113	126694	51.403	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.800%		
50) Toluene-d8	10.179	98	475374	49.676	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.477	95	171564	51.642	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	84835	44.809	ug/l	98
3) Chloromethane	2.113	50	119771	45.576	ug/l	96
4) Vinyl Chloride	2.247	62	134797	45.920	ug/l	99
5) Bromomethane	2.644	94	96038	49.039	ug/l	97
6) Chloroethane	2.790	64	89450	47.421	ug/l	97
7) Trichlorofluoromethane	3.119	101	199839	46.080	ug/l	94
8) Diethyl Ether	3.528	74	79327	50.977	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	122108	46.832	ug/l	94
10) Methyl Iodide	4.082	142	168916	50.327	ug/l	92
11) Tert butyl alcohol	4.948	59	73681	285.527	ug/l	98
12) 1,1-Dichloroethene	3.869	96	123414	47.874	ug/l	84
13) Acrolein	3.723	56	31444	230.741	ug/l	98
14) Allyl chloride	4.473	41	192711	49.351	ug/l #	85
15) Acrylonitrile	5.155	53	203927	261.161	ug/l	97
16) Acetone	3.942	43	147907	193.314	ug/l #	83
17) Carbon Disulfide	4.186	76	399003	47.124	ug/l	99
18) Methyl Acetate	4.473	43	98250	48.504	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	360412	52.612	ug/l	97
20) Methylene Chloride	4.710	84	162681	52.213	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	146605	50.000	ug/l	88
22) Diisopropyl ether	6.112	45	422038	52.129	ug/l #	93
23) Vinyl Acetate	6.052	43	1330727	269.296	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	255023	50.299	ug/l	99
25) 2-Butanone	6.978	43	245681	228.212	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	210138	45.327	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	166869	51.650	ug/l	87
28) Bromochloromethane	7.332	49	102661	52.713	ug/l	84
29) Tetrahydrofuran	7.344	42	165914	264.732	ug/l #	84
30) Chloroform	7.503	83	259773	50.730	ug/l	100
31) Cyclohexane	7.783	56	215991	45.976	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	223195	49.142	ug/l	95
36) 1,1-Dichloropropene	7.911	75	196055	48.709	ug/l	98
37) Ethyl Acetate	7.070	43	113901	52.494	ug/l #	93
38) Carbon Tetrachloride	7.899	117	203346	48.696	ug/l	99
39) Methylcyclohexane	9.179	83	236105	48.216	ug/l	90
40) Benzene	8.155	78	592979	50.127	ug/l	96

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41) Methacrylonitrile	7.301	41	54218m	45.987	ug/l	
42) 1,2-Dichloroethane	8.234	62	165324	51.466	ug/l	91
43) Isopropyl Acetate	8.271	43	196870	51.499	ug/l #	87
44) Trichloroethene	8.935	130	156311	49.374	ug/l	97
45) 1,2-Dichloropropane	9.216	63	148321	50.716	ug/l	97
46) Dibromomethane	9.301	93	85296	51.619	ug/l	96
47) Bromodichloromethane	9.496	83	202319	51.650	ug/l	98
48) Methyl methacrylate	9.289	41	91315	52.005	ug/l #	77
49) 1,4-Dioxane	9.295	88	24264	1091.501	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	554744	266.885	ug/l #	86
52) Toluene	10.240	92	373460	50.914	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	211475	51.263	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	240185	50.883	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	122572	51.756	ug/l	99
56) Ethyl methacrylate	10.508	69	171847	54.934	ug/l #	74
57) 1,3-Dichloropropane	10.789	76	210451	51.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	393504	268.320	ug/l	96
59) 2-Hexanone	10.831	43	385317	259.655	ug/l	83
60) Dibromochloromethane	10.984	129	146116	51.928	ug/l	99
61) 1,2-Dibromoethane	11.087	107	117477	52.249	ug/l	100
64) Tetrachloroethene	10.715	164	148359	49.352	ug/l	97
65) Chlorobenzene	11.514	112	398053	50.982	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	148364	51.607	ug/l	98
67) Ethyl Benzene	11.587	91	707553	51.087	ug/l	100
68) m/p-Xylenes	11.697	106	544424	101.265	ug/l	96
69) o-Xylene	12.026	106	260536	51.698	ug/l	95
70) Styrene	12.038	104	451322	52.827	ug/l	95
71) Bromoform	12.203	173	95175	53.265	ug/l #	99
73) Isopropylbenzene	12.325	105	666027	49.338	ug/l	100
74) N-amyl acetate	12.142	43	178024	52.536	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	142912	51.160	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	100361m	45.658	ug/l	
77) Bromobenzene	12.605	156	162544	51.189	ug/l	99
78) n-propylbenzene	12.666	91	800135	48.439	ug/l	99
79) 2-Chlorotoluene	12.752	91	464702	49.099	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	559900	49.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	51088	49.741	ug/l #	83
82) 4-Chlorotoluene	12.855	91	485156	49.742	ug/l	99
83) tert-Butylbenzene	13.075	119	477816	48.545	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	564806	49.993	ug/l	99
85) sec-Butylbenzene	13.251	105	686747	47.058	ug/l	100
86) p-Isopropyltoluene	13.367	119	577491	47.476	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	316891	49.770	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	313733	49.130	ug/l	99
89) n-Butylbenzene	13.690	91	514344	45.283	ug/l	99
90) Hexachloroethane	13.959	117	111180	45.703	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	289600	50.920	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23884	49.911	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	168767	49.096	ug/l	98
94) Hexachlorobutadiene	15.111	225	80075	40.007	ug/l	98
95) Naphthalene	15.233	128	379999	47.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	152355	50.434	ug/l	99

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

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