

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011233.D
 Acq On : 01 Nov 2022 19:28
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 02 01:44:00 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	7.789	168	226365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168815	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.137	65	115851	47.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.700%
35) Dibromofluoromethane	7.716	113	118221	51.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.179	98	449785	50.242	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.477	95	161408	51.935	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.860%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	88861	49.662	ug/l	98
3) Chloromethane	2.107	50	119214	47.494	ug/l	94
4) Vinyl Chloride	2.247	62	137469	49.029	ug/l	99
5) Bromomethane	2.644	94	93371	49.915	ug/l	98
6) Chloroethane	2.790	64	90107	50.012	ug/l	99
7) Trichlorofluoromethane	3.125	101	207864	50.181	ug/l	94
8) Diethyl Ether	3.528	74	74182	49.909	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	127831	51.329	ug/l	94
10) Methyl Iodide	4.088	142	161232	50.293	ug/l	92
11) Tert butyl alcohol	4.948	59	55251	219.218	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	125363	50.913	ug/l	87
13) Acrolein	3.729	56	25989	196.993	ug/l	98
14) Allyl chloride	4.473	41	191799	51.424	ug/l #	85
15) Acrylonitrile	5.155	53	182223	244.322	ug/l	98
16) Acetone	3.942	43	132743	181.640	ug/l #	84
17) Carbon Disulfide	4.186	76	407978	50.447	ug/l	99
18) Methyl Acetate	4.473	43	87251	45.096	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	333508	50.970	ug/l	96
20) Methylene Chloride	4.710	84	158511	53.376	ug/l #	82
21) trans-1,2-Dichloroethene	5.216	96	147324	52.605	ug/l	88
22) Diisopropyl ether	6.119	45	413852	53.518	ug/l #	89
23) Vinyl Acetate	6.058	43	1257592	266.445	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	251387	51.910	ug/l	99
25) 2-Butanone	6.984	43	220097	214.046	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	210576	47.554	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	163665	53.037	ug/l	87
28) Bromochloromethane	7.332	49	99122	53.286	ug/l	84
29) Tetrahydrofuran	7.344	42	147678	246.698	ug/l #	85
30) Chloroform	7.503	83	255750	52.289	ug/l	100
31) Cyclohexane	7.783	56	227181	50.628	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	226416	52.192	ug/l	95
36) 1,1-Dichloropropene	7.911	75	200601	53.274	ug/l	97
37) Ethyl Acetate	7.070	43	100652	49.586	ug/l #	93
38) Carbon Tetrachloride	7.899	117	209628	53.661	ug/l	99
39) Methylcyclohexane	9.179	83	252099	55.032	ug/l	92
40) Benzene	8.155	78	590464	53.355	ug/l	96

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41) Methacrylonitrile	7.307	41	48063m	43.577	ug/l	
42) 1,2-Dichloroethane	8.234	62	158029	52.586	ug/l	90
43) Isopropyl Acetate	8.271	43	180554	50.487	ug/l #	87
44) Trichloroethene	8.935	130	157771	53.271	ug/l	96
45) 1,2-Dichloropropane	9.216	63	145900	53.327	ug/l	95
46) Dibromomethane	9.301	93	81853	52.950	ug/l	97
47) Bromodichloromethane	9.496	83	198901	54.278	ug/l	98
48) Methyl methacrylate	9.289	41	86419	52.609	ug/l #	78
49) 1,4-Dioxane	9.295	88	21464	1032.110	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	500858	257.572	ug/l #	86
52) Toluene	10.240	92	375051	54.656	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	202701	52.523	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	235637	53.361	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	117198	52.899	ug/l	99
56) Ethyl methacrylate	10.508	69	158846	54.279	ug/l #	74
57) 1,3-Dichloropropane	10.789	76	201644	53.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	350159	255.225	ug/l	97
59) 2-Hexanone	10.831	43	344912	248.450	ug/l	84
60) Dibromochloromethane	10.984	129	141527	53.765	ug/l	99
61) 1,2-Dibromoethane	11.087	107	110697	52.628	ug/l	100
64) Tetrachloroethene	10.715	164	156027	55.376	ug/l	98
65) Chlorobenzene	11.514	112	393804	53.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	145308	53.926	ug/l	98
67) Ethyl Benzene	11.587	91	717345	55.260	ug/l	98
68) m/p-Xylenes	11.697	106	554521	110.044	ug/l	95
69) o-Xylene	12.026	106	262601	55.594	ug/l	94
70) Styrene	12.044	104	450001	56.197	ug/l	95
71) Bromoform	12.203	173	89204	53.263	ug/l #	98
73) Isopropylbenzene	12.325	105	693919	54.978	ug/l	99
74) N-amyl acetate	12.142	43	164492	51.918	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	132066	50.564	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	93373m	45.433	ug/l	
77) Bromobenzene	12.605	156	159513	53.728	ug/l	98
78) n-propylbenzene	12.666	91	849423	54.998	ug/l	99
79) 2-Chlorotoluene	12.752	91	476982	53.901	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	588964	55.144	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	46940	48.880	ug/l #	83
82) 4-Chlorotoluene	12.849	91	490939	53.835	ug/l	99
83) tert-Butylbenzene	13.069	119	508774	55.284	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	581461	55.045	ug/l	99
85) sec-Butylbenzene	13.251	105	752664	55.161	ug/l	100
86) p-Isopropyltoluene	13.367	119	633382	55.692	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	315521	53.000	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	311434	52.161	ug/l	99
89) n-Butylbenzene	13.697	91	586703	55.245	ug/l	99
90) Hexachloroethane	13.959	117	122034	53.653	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	283053	53.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21778	48.674	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	173200	53.890	ug/l	99
94) Hexachlorobutadiene	15.111	225	100185	53.535	ug/l	99
95) Naphthalene	15.233	128	358828	47.928	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	152730	54.073	ug/l	99

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

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