

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090622\
 Data File : VY010361.D
 Acq On : 06 Sep 2022 20:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/07/2022
 Supervised By :Mahesh Dadoda 09/07/2022

Quant Time: Sep 07 05:57:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	510949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	809665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	742673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	371378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	276495	52.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.540%	
35) Dibromofluoromethane	7.710	113	253593	47.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.100%	
50) Toluene-d8	10.179	98	982390	54.438	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.477	95	347458	47.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	99476	24.388	ug/l	98
3) Chloromethane	2.107	50	159917	28.715	ug/l	97
4) Vinyl Chloride	2.247	62	188269	31.028	ug/l	99
5) Bromomethane	2.637	94	123915	34.945	ug/l	97
6) Chloroethane	2.784	64	123919	33.386	ug/l	99
7) Trichlorofluoromethane	3.119	101	242364	28.496	ug/l	94
8) Diethyl Ether	3.521	74	84325	27.746	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	143905	27.395	ug/l	97
10) Methyl Iodide	4.082	142	188136	29.771	ug/l	90
11) Tert butyl alcohol	4.948	59	103306	164.817	ug/l	100
12) 1,1-Dichloroethene	3.863	96	138069	27.145	ug/l	81
13) Acrolein	3.723	56	93051	140.237	ug/l	100
14) Allyl chloride	4.472	41	213680	23.868	ug/l #	94
15) Acrylonitrile	5.155	53	229529	144.941	ug/l	98
16) Acetone	3.942	43	172831	131.959	ug/l	90
17) Carbon Disulfide	4.186	76	380691	24.572	ug/l	99
18) Methyl Acetate	4.466	43	113918	28.027	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	409919	27.567	ug/l	98
20) Methylene Chloride	4.704	84	161746	25.591	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	157107	27.257	ug/l	88
22) Diisopropyl ether	6.112	45	473762	26.038	ug/l #	92
23) Vinyl Acetate	6.051	43	1562973	137.007	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	278887	26.608	ug/l	98
25) 2-Butanone	6.978	43	299130	139.165	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	242000	25.349	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	185242	28.122	ug/l	88
28) Bromochloromethane	7.326	49	100794	28.155	ug/l	84
29) Tetrahydrofuran	7.338	42	195867	142.236	ug/l #	87
30) Chloroform	7.502	83	291321	28.224	ug/l	99
31) Cyclohexane	7.783	56	243656	23.840	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	261612	27.816	ug/l	96
36) 1,1-Dichloropropene	7.917	75	216834	27.418	ug/l	96
37) Ethyl Acetate	7.070	43	135235	29.825	ug/l	96
38) Carbon Tetrachloride	7.893	117	239381	29.370	ug/l	98
39) Methylcyclohexane	9.179	83	274509	26.887	ug/l	90
40) Benzene	8.155	78	634172	28.000	ug/l	97

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41) Methacrylonitrile	7.307	41	66643m	26.071	ug/l	
42) 1,2-Dichloroethane	8.234	62	195417	29.757	ug/l	93
43) Isopropyl Acetate	8.271	43	241760	27.971	ug/l #	92
44) Trichloroethene	8.935	130	182930	29.420	ug/l	99
45) 1,2-Dichloropropane	9.216	63	157585	27.309	ug/l	94
46) Dibromomethane	9.301	93	97372	30.722	ug/l	98
47) Bromodichloromethane	9.496	83	231636	29.719	ug/l	98
48) Methyl methacrylate	9.289	41	110559	27.422	ug/l #	87
49) 1,4-Dioxane	9.295	88	27581	632.437	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	672953	150.914	ug/l	91
52) Toluene	10.240	92	414185	28.587	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	234558	27.901	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	262126	27.652	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	135428	30.101	ug/l	98
56) Ethyl methacrylate	10.508	69	191527	28.814	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	231742	29.551	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	218401	103.353	ug/l	94
59) 2-Hexanone	10.831	43	468527	151.521	ug/l	89
60) Dibromochloromethane	10.983	129	169002	31.173	ug/l	100
61) 1,2-Dibromoethane	11.087	107	133546	30.715	ug/l	99
64) Tetrachloroethene	10.715	164	183020	30.218	ug/l	98
65) Chlorobenzene	11.514	112	454414	28.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	172049	29.607	ug/l	98
67) Ethyl Benzene	11.593	91	804422	27.758	ug/l	97
68) m/p-Xylenes	11.703	106	629150	56.831	ug/l	94
69) o-Xylene	12.026	106	302999	28.189	ug/l	93
70) Styrene	12.044	104	514083	28.712	ug/l	96
71) Bromoform	12.203	173	112778	31.395	ug/l #	99
73) Isopropylbenzene	12.325	105	797008	26.899	ug/l	99
74) N-amyl acetate	12.142	43	219020	26.794	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	159394	27.992	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	120369m	27.236	ug/l	
77) Bromobenzene	12.605	156	191826	28.460	ug/l	94
78) n-propylbenzene	12.672	91	947822	26.648	ug/l	97
79) 2-Chlorotoluene	12.751	91	538429	26.784	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	674635	27.176	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	56041	26.452	ug/l	89
82) 4-Chlorotoluene	12.855	91	555863	26.854	ug/l	98
83) tert-Butylbenzene	13.075	119	594480	27.564	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	671379	27.540	ug/l	98
85) sec-Butylbenzene	13.251	105	876005	27.465	ug/l	99
86) p-Isopropyltoluene	13.367	119	736975	27.973	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	377441	28.840	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	374743	28.799	ug/l	99
89) n-Butylbenzene	13.696	91	671565	26.965	ug/l	99
90) Hexachloroethane	13.959	117	139325	27.551	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	336987	28.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28078	27.983	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	207940	28.801	ug/l	99
94) Hexachlorobutadiene	15.111	225	122235	28.886	ug/l	99
95) Naphthalene	15.233	128	449717	30.019	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	182649	29.870	ug/l	99

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

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