

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014112.D
 Acq On : 12 Jun 2023 12:01
 Operator : KP/MD
 Sample : VY0612SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0612SBS01

Quant Time: Jun 13 05:39:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/13/2023
 Supervised By :Mahesh Dadoda 06/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	192276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126111	47.101	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.200%		
35) Dibromofluoromethane	7.710	113	104699	51.311	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.620%		
50) Toluene-d8	10.179	98	374472	49.089	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.180%		
62) 4-Bromofluorobenzene	12.477	95	140500	51.848	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50118	23.388	ug/l	96
3) Chloromethane	2.107	50	55717	20.506	ug/l	96
4) Vinyl Chloride	2.247	62	54595	20.667	ug/l	94
5) Bromomethane	2.650	94	47597	21.837	ug/l	94
6) Chloroethane	2.790	64	35692	19.884	ug/l	99
7) Trichlorofluoromethane	3.119	101	94511	22.022	ug/l	99
8) Diethyl Ether	3.521	74	29998	20.933	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	48545	22.413	ug/l	99
10) Methyl Iodide	4.088	142	52039	18.195	ug/l	95
11) Tert butyl alcohol	4.942	59	40237	119.081	ug/l #	97
12) 1,1-Dichloroethene	3.869	96	47019	21.417	ug/l	96
13) Acrolein	3.716	56	19588	145.000	ug/l	90
14) Allyl chloride	4.472	41	75773	19.041	ug/l	97
15) Acrylonitrile	5.161	53	77961	105.474	ug/l	98
16) Acetone	3.948	43	77653	96.216	ug/l	99
17) Carbon Disulfide	4.186	76	141292	19.861	ug/l	100
18) Methyl Acetate	4.472	43	60159	19.204	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	131294	20.277	ug/l	100
20) Methylene Chloride	4.710	84	64529	23.117	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	49704	20.299	ug/l	95
22) Diisopropyl ether	6.112	45	154842	20.322	ug/l	98
23) Vinyl Acetate	6.051	43	456514	101.549	ug/l	99
24) 1,1-Dichloroethane	6.009	63	89958	20.478	ug/l	99
25) 2-Butanone	6.984	43	100848	101.511	ug/l	99
26) 2,2-Dichloropropane	6.972	77	85971	20.836	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	55382	20.219	ug/l	98
28) Bromochloromethane	7.332	49	36912	20.662	ug/l	93
29) Tetrahydrofuran	7.344	42	65794	104.440	ug/l	97
30) Chloroform	7.496	83	96666	20.741	ug/l	97
31) Cyclohexane	7.783	56	74427	20.751	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	88756	21.115	ug/l	99
36) 1,1-Dichloropropene	7.917	75	69697	21.910	ug/l	100
37) Ethyl Acetate	7.069	43	46196	21.047	ug/l	99
38) Carbon Tetrachloride	7.893	117	84108	22.912	ug/l	97
39) Methylcyclohexane	9.179	83	77447	21.943	ug/l	95
40) Benzene	8.155	78	200552	21.201	ug/l	98

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41) Methacrylonitrile	7.313	41	24252m	21.650	ug/l	
42) 1,2-Dichloroethane	8.234	62	74764	22.350	ug/l	99
43) Isopropyl Acetate	8.270	43	80477	20.919	ug/l #	87
44) Trichloroethene	8.935	130	55130	21.814	ug/l	97
45) 1,2-Dichloropropane	9.209	63	50686	21.096	ug/l	90
46) Dibromomethane	9.301	93	31734	21.457	ug/l	100
47) Bromodichloromethane	9.490	83	74547	21.527	ug/l	97
48) Methyl methacrylate	9.289	41	36519	20.353	ug/l	96
49) 1,4-Dioxane	9.301	88	8569	455.973	ug/l #	42
51) 4-Methyl-2-Pentanone	10.069	43	232135	111.067	ug/l	99
52) Toluene	10.240	92	128937	21.988	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	77119	21.155	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	83729	21.051	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	43242	22.043	ug/l	98
56) Ethyl methacrylate	10.508	69	56991	21.063	ug/l	98
57) 1,3-Dichloropropane	10.788	76	71508	21.313	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	71940	81.309	ug/l	97
59) 2-Hexanone	10.831	43	164519	108.986	ug/l	98
60) Dibromochloromethane	10.983	129	55995	22.302	ug/l	100
61) 1,2-Dibromoethane	11.087	107	41735	21.557	ug/l	100
64) Tetrachloroethene	10.715	164	50705	21.817	ug/l	96
65) Chlorobenzene	11.514	112	139427	21.281	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	56774	22.032	ug/l	97
67) Ethyl Benzene	11.587	91	242868	21.178	ug/l	99
68) m/p-Xylenes	11.697	106	189800	43.029	ug/l	98
69) o-Xylene	12.026	106	88236	21.158	ug/l	98
70) Styrene	12.038	104	152570	21.435	ug/l	99
71) Bromoform	12.203	173	38079	21.577	ug/l #	99
73) Isopropylbenzene	12.325	105	231539	20.201	ug/l	99
74) N-amyl acetate	12.142	43	75308	20.733	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	52909	20.658	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	38084m	19.320	ug/l	
77) Bromobenzene	12.605	156	62511	20.750	ug/l	94
78) n-propylbenzene	12.666	91	292435	20.888	ug/l	100
79) 2-Chlorotoluene	12.751	91	164360	20.403	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	201959	20.578	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	18940	20.769	ug/l	96
82) 4-Chlorotoluene	12.849	91	176200	20.641	ug/l	99
83) tert-Butylbenzene	13.074	119	174581	20.933	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	202504	20.845	ug/l	100
85) sec-Butylbenzene	13.251	105	254268	20.970	ug/l	100
86) p-Isopropyltoluene	13.367	119	216299	20.843	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	119962	20.856	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	120120	20.727	ug/l	99
89) n-Butylbenzene	13.690	91	198266	20.599	ug/l	99
90) Hexachloroethane	13.958	117	43310	20.944	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	109726	21.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10409	21.342	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	65559	20.033	ug/l	98
94) Hexachlorobutadiene	15.105	225	41362	21.892	ug/l	99
95) Naphthalene	15.233	128	131839	19.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	60096	20.322	ug/l	99

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

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