

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012094.D
 Acq On : 06 Jan 2023 16:13
 Operator : KP/MD
 Sample : VY0106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0106SBS01

Quant Time: Jan 07 01:49:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	175912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93733	47.420	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.840%		
35) Dibromofluoromethane	7.716	113	85540	48.606	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.220%		
50) Toluene-d8	10.179	98	325234	46.822	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.640%		
62) 4-Bromofluorobenzene	12.483	95	118738	48.904	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36241	23.923	ug/l	98
3) Chloromethane	2.113	50	33395	24.487	ug/l	98
4) Vinyl Chloride	2.253	62	37565	21.972	ug/l	100
5) Bromomethane	2.644	94	28793	23.502	ug/l	95
6) Chloroethane	2.790	64	24358	21.504	ug/l	96
7) Trichlorofluoromethane	3.125	101	72600	21.315	ug/l	93
8) Diethyl Ether	3.528	74	21068	20.203	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	36402	20.758	ug/l	94
10) Methyl Iodide	4.088	142	48494	20.398	ug/l	94
11) Tert butyl alcohol	4.942	59	31373	118.496	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	37355	21.727	ug/l	93
13) Acrolein	3.729	56	14680	126.896	ug/l	97
14) Allyl chloride	4.479	41	48220	20.806	ug/l #	88
15) Acrylonitrile	5.161	53	48952	99.913	ug/l	99
16) Acetone	3.948	43	43007	92.491	ug/l	98
17) Carbon Disulfide	4.192	76	111698	24.540	ug/l	99
18) Methyl Acetate	4.479	43	25404	18.993	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	103183	20.390	ug/l	95
20) Methylene Chloride	4.710	84	48066	21.022	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	41280	21.698	ug/l	91
22) Diisopropyl ether	6.119	45	101922	21.377	ug/l	96
23) Vinyl Acetate	6.058	43	299948	103.964	ug/l	95
24) 1,1-Dichloroethane	6.021	63	66628	21.009	ug/l	98
25) 2-Butanone	6.984	43	57862	94.317	ug/l	90
26) 2,2-Dichloropropane	6.978	77	69437	20.296	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	46238	21.280	ug/l	96
28) Bromochloromethane	7.332	49	16143	20.134	ug/l #	78
29) Tetrahydrofuran	7.344	42	36088	100.777	ug/l	92
30) Chloroform	7.509	83	75135	20.784	ug/l	97
31) Cyclohexane	7.783	56	60330	22.216	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	74462	21.207	ug/l	98
36) 1,1-Dichloropropene	7.917	75	55955	20.957	ug/l	98
37) Ethyl Acetate	7.070	43	27350	19.131	ug/l	96
38) Carbon Tetrachloride	7.899	117	70039	20.667	ug/l	98
39) Methylcyclohexane	9.185	83	70127	21.987	ug/l	92
40) Benzene	8.161	78	163941	21.071	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	13219m	17.001	ug/l	
42) 1,2-Dichloroethane	8.234	62	51017	20.712	ug/l	99
43) Isopropyl Acetate	8.271	43	47197	19.700	ug/l	95
44) Trichloroethene	8.941	130	47220	20.786	ug/l	94
45) 1,2-Dichloropropane	9.216	63	35994	20.764	ug/l	100
46) Dibromomethane	9.301	93	22697	20.798	ug/l	98
47) Bromodichloromethane	9.496	83	56098	20.217	ug/l	97
48) Methyl methacrylate	9.295	41	20725	19.312	ug/l	91
49) 1,4-Dioxane	9.295	88	6308	417.420	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	125011	98.062	ug/l	97
52) Toluene	10.246	92	106901	20.758	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	58599	20.300	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	64251	20.574	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	31664	20.089	ug/l	96
56) Ethyl methacrylate	10.508	69	40848	19.784	ug/l	96
57) 1,3-Dichloropropane	10.788	76	53798	20.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	74691	98.899	ug/l	93
59) 2-Hexanone	10.831	43	87051	97.247	ug/l	96
60) Dibromochloromethane	10.983	129	42134	20.274	ug/l	99
61) 1,2-Dibromoethane	11.087	107	30183	20.008	ug/l	99
64) Tetrachloroethene	10.721	164	50277	21.131	ug/l	96
65) Chlorobenzene	11.514	112	114597	20.660	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43811	20.458	ug/l	98
67) Ethyl Benzene	11.593	91	206616	20.840	ug/l	100
68) m/p-Xylenes	11.703	106	163296	41.993	ug/l	98
69) o-Xylene	12.026	106	77455	20.919	ug/l	98
70) Styrene	12.044	104	129843	20.645	ug/l	99
71) Bromoform	12.209	173	27135	19.942	ug/l #	99
73) Isopropylbenzene	12.331	105	208429	20.679	ug/l	99
74) N-amyl acetate	12.142	43	41335	19.865	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	33593	19.813	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	27803m	19.116	ug/l	
77) Bromobenzene	12.605	156	49590	20.629	ug/l	94
78) n-propylbenzene	12.672	91	243784	20.719	ug/l	99
79) 2-Chlorotoluene	12.758	91	138793	20.621	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	181655	21.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	12657	19.327	ug/l	98
82) 4-Chlorotoluene	12.855	91	145525	20.672	ug/l	99
83) tert-Butylbenzene	13.075	119	156849	20.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	180323	21.072	ug/l	98
85) sec-Butylbenzene	13.251	105	226294	20.786	ug/l	98
86) p-Isopropyltoluene	13.367	119	194555	20.627	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	99208	20.588	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	97570	20.269	ug/l	100
89) n-Butylbenzene	13.696	91	170247	20.829	ug/l	98
90) Hexachloroethane	13.959	117	36324	20.759	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	88835	20.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6697	19.874	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	54313	20.293	ug/l	99
94) Hexachlorobutadiene	15.111	225	34523	21.378	ug/l	99
95) Naphthalene	15.233	128	103121	19.469	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	47868	20.571	ug/l	97

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

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