

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012132.D
 Acq On : 10 Jan 2023 11:02
 Operator : KP/MD
 Sample : VY0110SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0110SBS01

Quant Time: Jan 11 03:07:21 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 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	158887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	219568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79808	44.702	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.400%		
35) Dibromofluoromethane	7.716	113	72568	46.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.480%		
50) Toluene-d8	10.179	98	278547	45.458	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.920%		
62) 4-Bromofluorobenzene	12.483	95	102607	47.906	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30669	22.152	ug/l	98
3) Chloromethane	2.119	50	27740	22.245	ug/l	99
4) Vinyl Chloride	2.253	62	32905	21.308	ug/l	99
5) Bromomethane	2.650	94	25936	23.426	ug/l	94
6) Chloroethane	2.796	64	21521	21.035	ug/l	96
7) Trichlorofluoromethane	3.125	101	65094	21.159	ug/l	98
8) Diethyl Ether	3.534	74	17638	18.726	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	32814	20.717	ug/l	96
10) Methyl Iodide	4.095	142	40348	18.790	ug/l	93
11) Tert butyl alcohol	4.948	59	22653	87.058	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	31849	20.510	ug/l	89
13) Acrolein	3.729	56	11195	100.754	ug/l	98
14) Allyl chloride	4.485	41	39771	18.999	ug/l #	86
15) Acrylonitrile	5.168	53	39368	88.961	ug/l	99
16) Acetone	3.942	43	39429	93.882	ug/l	97
17) Carbon Disulfide	4.198	76	95524	22.958	ug/l	97
18) Methyl Acetate	4.479	43	20386	16.874	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	85047	18.607	ug/l	96
20) Methylene Chloride	4.722	84	50954	25.838	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	36844	21.442	ug/l	90
22) Diisopropyl ether	6.119	45	83828	19.466	ug/l	93
23) Vinyl Acetate	6.064	43	243159	93.311	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	57395	20.037	ug/l	98
25) 2-Butanone	6.990	43	48597	87.703	ug/l	92
26) 2,2-Dichloropropane	6.984	77	62475	20.218	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	40283	20.526	ug/l	96
28) Bromochloromethane	7.338	49	13071	18.050	ug/l #	75
29) Tetrahydrofuran	7.350	42	27850	86.106	ug/l #	85
30) Chloroform	7.509	83	67649	20.718	ug/l	97
31) Cyclohexane	7.783	56	51191	20.642	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	66344	20.919	ug/l	97
36) 1,1-Dichloropropene	7.923	75	49117	20.854	ug/l	97
37) Ethyl Acetate	7.076	43	21772	17.264	ug/l #	97
38) Carbon Tetrachloride	7.905	117	64134	21.453	ug/l	98
39) Methylcyclohexane	9.185	83	59617	21.189	ug/l	95
40) Benzene	8.161	78	141896	20.674	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	11816m	17.227	ug/l	
42) 1,2-Dichloroethane	8.240	62	44519	20.488	ug/l	100
43) Isopropyl Acetate	8.277	43	37452	17.721	ug/l	93
44) Trichloroethene	8.941	130	42072	20.994	ug/l	93
45) 1,2-Dichloropropane	9.222	63	30238	19.774	ug/l	100
46) Dibromomethane	9.307	93	19749	20.515	ug/l	97
47) Bromodichloromethane	9.496	83	49866	20.372	ug/l	98
48) Methyl methacrylate	9.295	41	17026	17.985	ug/l	89
49) 1,4-Dioxane	9.295	88	5083	381.295	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	98915	87.958	ug/l	94
52) Toluene	10.246	92	94298	20.757	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	49532	19.451	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	55907	20.294	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	27841	20.024	ug/l	93
56) Ethyl methacrylate	10.508	69	33853	18.586	ug/l	95
57) 1,3-Dichloropropane	10.788	76	45262	19.725	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	62680	94.083	ug/l	90
59) 2-Hexanone	10.831	43	71594	90.665	ug/l	94
60) Dibromochloromethane	10.984	129	37160	20.270	ug/l	98
61) 1,2-Dibromoethane	11.087	107	25817	19.400	ug/l	99
64) Tetrachloroethene	10.721	164	44134	20.519	ug/l	96
65) Chlorobenzene	11.514	112	101685	20.278	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	38935	20.111	ug/l	97
67) Ethyl Benzene	11.593	91	183292	20.450	ug/l	98
68) m/p-Xylenes	11.703	106	146118	41.564	ug/l	99
69) o-Xylene	12.032	106	68039	20.327	ug/l	99
70) Styrene	12.044	104	115661	20.342	ug/l	99
71) Bromoform	12.209	173	23855	19.392	ug/l #	98
73) Isopropylbenzene	12.331	105	184824	19.655	ug/l	98
74) N-amyl acetate	12.142	43	33420	17.215	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	28602	18.082	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	24603m	18.132	ug/l	
77) Bromobenzene	12.611	156	43562	19.423	ug/l	92
78) n-propylbenzene	12.672	91	221084	20.140	ug/l	99
79) 2-Chlorotoluene	12.758	91	123161	19.614	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	164895	20.445	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	11014	18.026	ug/l	98
82) 4-Chlorotoluene	12.855	91	128116	19.507	ug/l	98
83) tert-Butylbenzene	13.075	119	138858	19.650	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	159170	19.937	ug/l	100
85) sec-Butylbenzene	13.258	105	203471	20.032	ug/l	98
86) p-Isopropyltoluene	13.367	119	177527	20.174	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	88176	19.613	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	87319	19.443	ug/l	99
89) n-Butylbenzene	13.696	91	154781	20.297	ug/l	97
90) Hexachloroethane	13.959	117	32098	19.662	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	79273	19.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5669	18.032	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	48190	19.299	ug/l	99
94) Hexachlorobutadiene	15.111	225	30836	20.467	ug/l	99
95) Naphthalene	15.239	128	87466	17.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	40613	18.707	ug/l	98

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

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