

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013109.D
 Acq On : 28 Mar 2023 12:16
 Operator : KP/MD
 Sample : VY0328SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0328SBS01

Quant Time: Mar 29 02:26:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	101177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52431	52.193	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.380%			
35) Dibromofluoromethane	7.716	113	53649	57.739	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.480%			
50) Toluene-d8	10.179	98	168851	49.709	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.483	95	66963	58.406	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17488	17.536	ug/l	91
3) Chloromethane	2.113	50	21340	17.900	ug/l	93
4) Vinyl Chloride	2.253	62	20588	18.832	ug/l	98
5) Bromomethane	2.637	94	13526	20.362	ug/l	97
6) Chloroethane	2.790	64	13516	20.643	ug/l	93
7) Trichlorofluoromethane	3.119	101	36226	19.951	ug/l	99
8) Diethyl Ether	3.528	74	12725	19.998	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	22134	20.261	ug/l	99
10) Methyl Iodide	4.088	142	23859	16.762	ug/l	96
11) Tert butyl alcohol	4.948	59	14153	111.328	ug/l	97
12) 1,1-Dichloroethene	3.875	96	19975	19.172	ug/l	97
13) Acrolein	3.729	56	11195	63.609	ug/l	98
14) Allyl chloride	4.479	41	38219	19.858	ug/l	98
15) Acrylonitrile	5.161	53	36700	109.465	ug/l	99
16) Acetone	3.942	43	42906	108.817	ug/l	99
17) Carbon Disulfide	4.192	76	58743	16.564	ug/l	98
18) Methyl Acetate	4.479	43	25784	21.959	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	55946	20.789	ug/l	97
20) Methylene Chloride	4.710	84	29316	21.279	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	22013	19.442	ug/l	97
22) Diisopropyl ether	6.119	45	77078	22.050	ug/l	95
23) Vinyl Acetate	6.058	43	230034	105.910	ug/l	99
24) 1,1-Dichloroethane	6.015	63	43807	21.993	ug/l	99
25) 2-Butanone	6.984	43	52781	108.076	ug/l	99
26) 2,2-Dichloropropane	6.978	77	37549	21.225	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	25506	21.012	ug/l	98
28) Bromochloromethane	7.332	49	15317	21.042	ug/l	97
29) Tetrahydrofuran	7.344	42	31264	106.143	ug/l	99
30) Chloroform	7.509	83	43072	21.892	ug/l	98
31) Cyclohexane	7.789	56	36167	18.799	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	38125	21.427	ug/l	98
36) 1,1-Dichloropropene	7.917	75	31228	20.056	ug/l	99
37) Ethyl Acetate	7.076	43	20214	20.597	ug/l	97
38) Carbon Tetrachloride	7.899	117	35774	22.249	ug/l	96
39) Methylcyclohexane	9.185	83	35676	19.272	ug/l	99
40) Benzene	8.161	78	91220	20.711	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9292m	17.574	ug/l	
42) 1,2-Dichloroethane	8.234	62	28649	21.635	ug/l	99
43) Isopropyl Acetate	8.271	43	36980	21.120	ug/l	99
44) Trichloroethene	8.941	130	24687	21.259	ug/l	100
45) 1,2-Dichloropropane	9.216	63	23985	21.547	ug/l	98
46) Dibromomethane	9.301	93	13848	21.837	ug/l	97
47) Bromodichloromethane	9.496	83	33259	22.256	ug/l	99
48) Methyl methacrylate	9.295	41	16478	20.424	ug/l	96
49) 1,4-Dioxane	9.301	88	3296	402.047	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	107140	112.807	ug/l	99
52) Toluene	10.240	92	56876	21.412	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	33687	21.491	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	37183	20.958	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	19635	22.233	ug/l	97
56) Ethyl methacrylate	10.508	69	24831	21.086	ug/l	98
57) 1,3-Dichloropropane	10.788	76	33149	22.037	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	67741	109.580	ug/l	98
59) 2-Hexanone	10.831	43	77764	112.657	ug/l	99
60) Dibromochloromethane	10.983	129	24089	22.407	ug/l	99
61) 1,2-Dibromoethane	11.087	107	18808	22.108	ug/l	99
64) Tetrachloroethene	10.721	164	22384	22.019	ug/l	96
65) Chlorobenzene	11.514	112	62460	21.315	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	24547	22.638	ug/l	98
67) Ethyl Benzene	11.593	91	108593	21.078	ug/l	99
68) m/p-Xylenes	11.703	106	83433	42.096	ug/l	99
69) o-Xylene	12.032	106	39198	21.191	ug/l	96
70) Styrene	12.044	104	66484	21.538	ug/l	99
71) Bromoform	12.209	173	16280	23.027	ug/l #	97
73) Isopropylbenzene	12.331	105	104870	19.644	ug/l	100
74) N-amyl acetate	12.142	43	32030	19.069	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	25627	21.355	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	19040m	21.167	ug/l	
77) Bromobenzene	12.605	156	26015	20.060	ug/l	98
78) n-propylbenzene	12.672	91	132483	20.129	ug/l	99
79) 2-Chlorotoluene	12.758	91	74041	20.241	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	89067	20.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8517	19.619	ug/l	99
82) 4-Chlorotoluene	12.855	91	77984	20.595	ug/l	98
83) tert-Butylbenzene	13.075	119	77344	20.340	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	87831	20.388	ug/l	99
85) sec-Butylbenzene	13.251	105	117412	20.240	ug/l	100
86) p-Isopropyltoluene	13.367	119	96405	20.334	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	51910	20.754	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	52248	20.467	ug/l	98
89) n-Butylbenzene	13.696	91	90107	19.853	ug/l	99
90) Hexachloroethane	13.959	117	20246	20.503	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	47696	21.095	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4404	22.708	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	27763	19.943	ug/l	99
94) Hexachlorobutadiene	15.111	225	17435	20.534	ug/l	98
95) Naphthalene	15.233	128	53349	19.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	25168	20.328	ug/l	100

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

