

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013088.D
 Acq On : 27 Mar 2023 13:46
 Operator : KP/MD
 Sample : VY0327SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/28/2023
 Supervised By :Mahesh Dadoda 03/28/2023

Quant Time: Mar 28 01:41:10 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	139939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51551	50.686	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.380%			
35) Dibromofluoromethane	7.715	113	52271	56.525	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.060%			
50) Toluene-d8	10.178	98	160234	47.397	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.800%			
62) 4-Bromofluorobenzene	12.483	95	64442	56.476	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	19857	19.667	ug/l	96
3) Chloromethane	2.113	50	21964	18.196	ug/l	100
4) Vinyl Chloride	2.253	62	21507	19.431	ug/l	95
5) Bromomethane	2.637	94	14150	21.039	ug/l	87
6) Chloroethane	2.790	64	13710	20.682	ug/l	96
7) Trichlorofluoromethane	3.125	101	38473	20.928	ug/l	98
8) Diethyl Ether	3.527	74	13549	21.031	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	24214	21.893	ug/l	99
10) Methyl Iodide	4.094	142	27029	18.755	ug/l	98
11) Tert butyl alcohol	4.948	59	14779	115.510	ug/l	99
12) 1,1-Dichloroethene	3.869	96	21614	20.490	ug/l	97
13) Acrolein	3.722	56	11409	64.027	ug/l	97
14) Allyl chloride	4.478	41	35910	18.429	ug/l	97
15) Acrylonitrile	5.155	53	36639	107.938	ug/l	99
16) Acetone	3.948	43	41910	104.983	ug/l	96
17) Carbon Disulfide	4.192	76	62443	17.391	ug/l	100
18) Methyl Acetate	4.472	43	24834	20.890	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	59336	21.777	ug/l	98
20) Methylene Chloride	4.710	84	31558	23.005	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	23085	20.138	ug/l	98
22) Diisopropyl ether	6.118	45	77931	22.020	ug/l	97
23) Vinyl Acetate	6.057	43	234375	106.582	ug/l	100
24) 1,1-Dichloroethane	6.015	63	43724	21.681	ug/l	98
25) 2-Butanone	6.984	43	56285	113.833	ug/l	97
26) 2,2-Dichloropropane	6.978	77	38969	21.756	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	26901	21.888	ug/l	100
28) Bromochloromethane	7.331	49	16184	21.959	ug/l	100
29) Tetrahydrofuran	7.350	42	33652	112.845	ug/l	100
30) Chloroform	7.502	83	45942	23.063	ug/l	98
31) Cyclohexane	7.783	56	37532	19.268	ug/l #	87
32) 1,1,1-Trichloroethane	7.703	97	40547	22.508	ug/l	99
36) 1,1-Dichloropropene	7.917	75	33701	21.747	ug/l	99
37) Ethyl Acetate	7.069	43	23071	23.621	ug/l	98
38) Carbon Tetrachloride	7.898	117	36832	23.016	ug/l	96
39) Methylcyclohexane	9.179	83	37233	20.210	ug/l	96
40) Benzene	8.154	78	97642	22.275	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10338m	19.645	ug/l	
42) 1,2-Dichloroethane	8.234	62	30743	23.327	ug/l	99
43) Isopropyl Acetate	8.270	43	40533	23.260	ug/l	99
44) Trichloroethene	8.935	130	25636	22.182	ug/l	99
45) 1,2-Dichloropropane	9.215	63	26039	23.504	ug/l	98
46) Dibromomethane	9.307	93	14476	22.936	ug/l	97
47) Bromodichloromethane	9.496	83	34717	23.342	ug/l	95
48) Methyl methacrylate	9.288	41	18892	23.528	ug/l	99
49) 1,4-Dioxane	9.294	88	3770	462.065	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	121937	129.000	ug/l	97
52) Toluene	10.239	92	60342	22.825	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	35799	22.948	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	38958	22.063	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	20887	23.763	ug/l	97
56) Ethyl methacrylate	10.508	69	27283	23.279	ug/l	96
57) 1,3-Dichloropropane	10.788	76	35353	23.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	69082	112.284	ug/l	98
59) 2-Hexanone	10.831	43	88892	129.394	ug/l	98
60) Dibromochloromethane	10.983	129	24629	23.019	ug/l	100
61) 1,2-Dibromoethane	11.087	107	19213	22.692	ug/l	100
64) Tetrachloroethene	10.721	164	22461	22.045	ug/l	98
65) Chlorobenzene	11.514	112	66690	22.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	24851	22.867	ug/l	98
67) Ethyl Benzene	11.593	91	113846	22.048	ug/l	99
68) m/p-Xylenes	11.703	106	89068	44.838	ug/l	100
69) o-Xylene	12.026	106	41680	22.482	ug/l	98
70) Styrene	12.044	104	70956	22.935	ug/l	100
71) Bromoform	12.209	173	16882	23.825	ug/l #	98
73) Isopropylbenzene	12.331	105	111317	20.710	ug/l	99
74) N-amyl acetate	12.142	43	35454	20.964	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	26797	22.178	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	20119m	22.215	ug/l	
77) Bromobenzene	12.611	156	27444	21.018	ug/l	97
78) n-propylbenzene	12.672	91	138146	20.847	ug/l	100
79) 2-Chlorotoluene	12.757	91	78553	21.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	94306	21.261	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	9339	21.366	ug/l	97
82) 4-Chlorotoluene	12.855	91	82108	21.537	ug/l	99
83) tert-Butylbenzene	13.074	119	82181	21.465	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	93014	21.444	ug/l	98
85) sec-Butylbenzene	13.251	105	125169	21.430	ug/l	100
86) p-Isopropyltoluene	13.367	119	103094	21.597	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	55308	21.962	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	55053	21.419	ug/l	98
89) n-Butylbenzene	13.696	91	95476	20.893	ug/l	99
90) Hexachloroethane	13.958	117	21349	21.473	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	50099	22.007	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4498	23.035	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	28596	20.402	ug/l	99
94) Hexachlorobutadiene	15.110	225	18064	21.130	ug/l	96
95) Naphthalene	15.232	128	57472	20.461	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	26132	20.963	ug/l	99

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

