

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014490.D
 Acq On : 29 Jun 2023 10:57
 Operator : KP/MD
 Sample : VY0629SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 06:29:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	239302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	351639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	150290	50.583	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.160%			
35) Dibromofluoromethane	7.715	113	114112	52.526	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.178	98	440650	51.025	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.060%			
62) 4-Bromofluorobenzene	12.477	95	156607	50.796	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	45077	20.293	ug/l	100
3) Chloromethane	2.113	50	38357	17.645	ug/l	95
4) Vinyl Chloride	2.247	62	43358	18.300	ug/l	98
5) Bromomethane	2.625	94	38734	18.607	ug/l	97
6) Chloroethane	2.777	64	29208	18.611	ug/l	96
7) Trichlorofluoromethane	3.113	101	90918	19.436	ug/l	93
8) Diethyl Ether	3.521	74	26689	18.714	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	42588	19.264	ug/l	98
10) Methyl Iodide	4.082	142	43371	16.866	ug/l	94
11) Tert butyl alcohol	4.948	59	55805	135.631	ug/l #	88
12) 1,1-Dichloroethene	3.862	96	39713	18.014	ug/l	97
13) Acrolein	3.728	56	43816	112.762	ug/l	99
14) Allyl chloride	4.472	41	61290	17.407	ug/l	91
15) Acrylonitrile	5.155	53	77689	97.418	ug/l	99
16) Acetone	3.948	43	88022	94.149	ug/l	98
17) Carbon Disulfide	4.186	76	124042	18.182	ug/l	97
18) Methyl Acetate	4.472	43	61691	19.194	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	124382	18.343	ug/l	98
20) Methylene Chloride	4.710	84	52938	15.806	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	44399	18.316	ug/l	99
22) Diisopropyl ether	6.118	45	124544	17.800	ug/l	97
23) Vinyl Acetate	6.057	43	357772m	100.148	ug/l	
24) 1,1-Dichloroethane	6.015	63	75413	18.150	ug/l	98
25) 2-Butanone	6.984	43	110067	94.521	ug/l	95
26) 2,2-Dichloropropane	6.978	77	79193	18.026	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	49482	18.134	ug/l	97
28) Bromochloromethane	7.331	49	37231	20.546	ug/l #	82
29) Tetrahydrofuran	7.344	42	69136	99.570	ug/l	90
30) Chloroform	7.502	83	87650	18.701	ug/l	100
31) Cyclohexane	7.783	56	66286	18.062	ug/l #	91
32) 1,1,1-Trichloroethane	7.697	97	85147	19.085	ug/l	99
36) 1,1-Dichloropropene	7.917	75	61709	18.433	ug/l	99
37) Ethyl Acetate	7.075	43	45322	19.644	ug/l	97
38) Carbon Tetrachloride	7.898	117	80541	19.117	ug/l	99
39) Methylcyclohexane	9.185	83	70177	18.220	ug/l	96
40) Benzene	8.161	78	177874	18.759	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	23391m	20.457	ug/l	
42) 1,2-Dichloroethane	8.234	62	68624	19.089	ug/l	100
43) Isopropyl Acetate	8.270	43	78024	19.152	ug/l	97
44) Trichloroethene	8.935	130	50175	18.431	ug/l	96
45) 1,2-Dichloropropane	9.215	63	40927	18.306	ug/l	91
46) Dibromomethane	9.307	93	29888	19.563	ug/l	96
47) Bromodichloromethane	9.496	83	66733	18.740	ug/l	98
48) Methyl methacrylate	9.294	41	36379	19.226	ug/l	96
49) 1,4-Dioxane	9.294	88	9981	417.805	ug/l #	47
51) 4-Methyl-2-Pentanone	10.069	43	229602	99.857	ug/l	97
52) Toluene	10.245	92	116209	19.048	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	71047	18.402	ug/l	96
54) cis-1,3-Dichloropropene	9.928	75	73532	18.465	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	39626	19.369	ug/l	92
56) Ethyl methacrylate	10.508	69	55674	19.055	ug/l	93
57) 1,3-Dichloropropane	10.788	76	65184	18.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	150489	109.957	ug/l	94
59) 2-Hexanone	10.831	43	175067	101.042	ug/l	97
60) Dibromochloromethane	10.983	129	52682	19.412	ug/l	100
61) 1,2-Dibromoethane	11.087	107	40159	19.715	ug/l	99
64) Tetrachloroethene	10.721	164	55899	19.778	ug/l	97
65) Chlorobenzene	11.514	112	127411	18.672	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	51283	18.658	ug/l	99
67) Ethyl Benzene	11.593	91	221086	18.195	ug/l	96
68) m/p-Xylenes	11.703	106	177473	37.396	ug/l	97
69) o-Xylene	12.026	106	84032	18.608	ug/l	97
70) Styrene	12.044	104	143797	18.579	ug/l	100
71) Bromoform	12.209	173	40555	19.964	ug/l #	97
73) Isopropylbenzene	12.330	105	221535	17.971	ug/l	99
74) N-amyl acetate	12.141	43	70142	17.967	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.580	83	49432	18.763	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	40795m	17.764	ug/l	
77) Bromobenzene	12.605	156	59497	18.563	ug/l	93
78) n-propylbenzene	12.672	91	269475	18.119	ug/l	98
79) 2-Chlorotoluene	12.757	91	153892	18.118	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	194041	18.196	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	18392	18.233	ug/l	92
82) 4-Chlorotoluene	12.855	91	163944	18.119	ug/l	98
83) tert-Butylbenzene	13.074	119	165237	18.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	193409	18.303	ug/l	99
85) sec-Butylbenzene	13.251	105	240243	18.172	ug/l	99
86) p-Isopropyltoluene	13.367	119	209196	18.276	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	114608	18.538	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	117731	18.942	ug/l	99
89) n-Butylbenzene	13.696	91	183722	17.567	ug/l	98
90) Hexachloroethane	13.958	117	38941	17.883	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	104839	18.576	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11310	19.424	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	65805	17.946	ug/l	99
94) Hexachlorobutadiene	15.110	225	40937	18.586	ug/l	96
95) Naphthalene	15.232	128	143416	18.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	60376	18.083	ug/l	99

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

