

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014491.D
 Acq On : 29 Jun 2023 11:20
 Operator : KP/MD
 Sample : VY0629SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 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 04:07:18 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	247925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	365330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150446	48.875	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.740%		
35) Dibromofluoromethane	7.709	113	113090	50.104	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.200%		
50) Toluene-d8	10.179	98	443792	49.463	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.920%		
62) 4-Bromofluorobenzene	12.477	95	158985	49.634	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	54343	23.613	ug/l	96
3) Chloromethane	2.113	50	45819	20.345	ug/l	99
4) Vinyl Chloride	2.247	62	51021	20.786	ug/l	94
5) Bromomethane	2.625	94	43893	20.352	ug/l	97
6) Chloroethane	2.784	64	34454	21.191	ug/l	100
7) Trichlorofluoromethane	3.113	101	103899	21.439	ug/l	98
8) Diethyl Ether	3.527	74	29401	19.898	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	48406	21.134	ug/l	96
10) Methyl Iodide	4.088	142	52948	19.361	ug/l	95
11) Tert butyl alcohol	4.954	59	53315	122.043	ug/l #	87
12) 1,1-Dichloroethene	3.863	96	47456	20.777	ug/l	89
13) Acrolein	3.722	56	40529	101.141	ug/l	98
14) Allyl chloride	4.472	41	69797	19.134	ug/l	90
15) Acrylonitrile	5.155	53	83173	100.667	ug/l	99
16) Acetone	3.942	43	87894	90.743	ug/l	98
17) Carbon Disulfide	4.186	76	143962	20.368	ug/l	100
18) Methyl Acetate	4.472	43	64585	19.396	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	142350	20.263	ug/l	99
20) Methylene Chloride	4.710	84	57654	16.936	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	51997	20.705	ug/l	91
22) Diisopropyl ether	6.112	45	141558	19.528	ug/l	94
23) Vinyl Acetate	6.057	43	396087m	107.017	ug/l	
24) 1,1-Dichloroethane	6.009	63	85122	19.774	ug/l	98
25) 2-Butanone	6.984	43	113168	93.804	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	90272	19.833	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	57256	20.253	ug/l	95
28) Bromochloromethane	7.331	49	37420	19.933	ug/l #	83
29) Tetrahydrofuran	7.344	42	71156	98.915	ug/l	89
30) Chloroform	7.502	83	98844	20.355	ug/l	99
31) Cyclohexane	7.783	56	74969	19.718	ug/l #	83
32) 1,1,1-Trichloroethane	7.697	97	97145	21.017	ug/l	98
36) 1,1-Dichloropropene	7.911	75	71757	20.631	ug/l	99
37) Ethyl Acetate	7.069	43	46970	19.595	ug/l #	95
38) Carbon Tetrachloride	7.898	117	92609	21.158	ug/l	97
39) Methylcyclohexane	9.185	83	82068	20.508	ug/l	95
40) Benzene	8.161	78	202024	20.507	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	25985m	21.874	ug/l	
42) 1,2-Dichloroethane	8.234	62	77185	20.665	ug/l	99
43) Isopropyl Acetate	8.270	43	82716	19.543	ug/l #	89
44) Trichloroethene	8.941	130	58999	20.860	ug/l	99
45) 1,2-Dichloropropane	9.215	63	46601	20.063	ug/l	97
46) Dibromomethane	9.301	93	32761	20.639	ug/l	95
47) Bromodichloromethane	9.496	83	75777	20.482	ug/l	98
48) Methyl methacrylate	9.288	41	38507	19.588	ug/l	92
49) 1,4-Dioxane	9.301	88	10568	425.799	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	239204	100.134	ug/l	96
52) Toluene	10.240	92	133581	21.075	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	80476	20.063	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	83074	20.079	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	44643	21.003	ug/l	94
56) Ethyl methacrylate	10.508	69	60938	20.075	ug/l	96
57) 1,3-Dichloropropane	10.788	76	73837	20.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	149092	104.854	ug/l	91
59) 2-Hexanone	10.831	43	181474	100.815	ug/l	98
60) Dibromochloromethane	10.983	129	58398	20.712	ug/l	100
61) 1,2-Dibromoethane	11.087	107	43586	20.596	ug/l	99
64) Tetrachloroethene	10.721	164	62412	21.571	ug/l	96
65) Chlorobenzene	11.514	112	145383	20.813	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	58642	20.841	ug/l	98
67) Ethyl Benzene	11.593	91	254294	20.444	ug/l	99
68) m/p-Xylenes	11.703	106	204440	42.081	ug/l	97
69) o-Xylene	12.026	106	94407	20.422	ug/l	99
70) Styrene	12.044	104	163828	20.677	ug/l	99
71) Bromoform	12.203	173	44665	21.478	ug/l #	98
73) Isopropylbenzene	12.325	105	254761	19.872	ug/l	99
74) N-amyl acetate	12.142	43	76400	18.818	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	53959	19.695	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	42314m	17.717	ug/l	
77) Bromobenzene	12.605	156	66972	20.092	ug/l	91
78) n-propylbenzene	12.666	91	309115	19.986	ug/l	98
79) 2-Chlorotoluene	12.751	91	176073	19.933	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	227044	20.473	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	21157	20.168	ug/l	99
82) 4-Chlorotoluene	12.849	91	188777	20.062	ug/l	99
83) tert-Butylbenzene	13.074	119	192233	20.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	221382	20.146	ug/l	100
85) sec-Butylbenzene	13.251	105	281712	20.490	ug/l	99
86) p-Isopropyltoluene	13.367	119	242241	20.350	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	130837	20.350	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	134009	20.733	ug/l	99
89) n-Butylbenzene	13.690	91	219929	20.221	ug/l	98
90) Hexachloroethane	13.958	117	46259	20.427	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	121719	20.738	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12109	19.997	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	78259	20.523	ug/l	99
94) Hexachlorobutadiene	15.111	225	48598	21.216	ug/l	97
95) Naphthalene	15.233	128	164694	20.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	70073	20.181	ug/l	100

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

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