

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015022.D
 Acq On : 10 Aug 2023 13:06
 Operator : SY/MD
 Sample : VY0810SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0810SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/11/2023
 Supervised By :Mahesh Dadoda 08/11/2023

Quant Time: Aug 10 14:22:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	323706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	514962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	463856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	236318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	180542	46.017	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.040%		
35) Dibromofluoromethane	7.716	113	162387	49.312	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.620%		
50) Toluene-d8	10.179	98	599603	47.837	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.680%		
62) 4-Bromofluorobenzene	12.477	95	215427	48.494	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35612	17.650	ug/l	94
3) Chloromethane	2.107	50	43448	17.055	ug/l	98
4) Vinyl Chloride	2.247	62	54056	17.220	ug/l	99
5) Bromomethane	2.625	94	41031	17.659	ug/l	100
6) Chloroethane	2.778	64	39183	18.078	ug/l	98
7) Trichlorofluoromethane	3.113	101	88999	17.941	ug/l	97
8) Diethyl Ether	3.527	74	32986	18.020	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.887	101	52634	17.924	ug/l	99
10) Methyl Iodide	4.082	142	53909	17.756	ug/l	97
11) Tert butyl alcohol	4.942	59	110366	116.557	ug/l #	95
12) 1,1-Dichloroethene	3.857	96	44595	17.429	ug/l	89
13) Acrolein	3.723	56	38777	120.381	ug/l	100
14) Allyl chloride	4.472	41	74106	17.393	ug/l	96
15) Acrylonitrile	5.155	53	98936	88.470	ug/l	97
16) Acetone	3.942	43	116947	95.589	ug/l	98
17) Carbon Disulfide	4.186	76	83717	14.799	ug/l	98
18) Methyl Acetate	4.472	43	83472	18.735	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	174995	18.078	ug/l	98
20) Methylene Chloride	4.704	84	105412	11.395	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	50728	17.394	ug/l	94
22) Diisopropyl ether	6.118	45	177494	17.884	ug/l	90
23) Vinyl Acetate	6.051	43	482658	80.902	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	102985	18.294	ug/l	97
25) 2-Butanone	6.984	43	154741	88.306	ug/l	95
26) 2,2-Dichloropropane	6.972	77	97050	17.038	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	67433	18.271	ug/l	95
28) Bromochloromethane	7.332	49	47794	18.834	ug/l	87
29) Tetrahydrofuran	7.344	42	85953	83.644	ug/l	89
30) Chloroform	7.502	83	114187	18.673	ug/l	100
31) Cyclohexane	7.777	56	74043	15.844	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	99273	18.421	ug/l	98
36) 1,1-Dichloropropene	7.911	75	72456	17.722	ug/l	98
37) Ethyl Acetate	7.069	43	57483	17.713	ug/l	95
38) Carbon Tetrachloride	7.899	117	86827	18.891	ug/l	98
39) Methylcyclohexane	9.179	83	83538	17.182	ug/l	93
40) Benzene	8.155	78	220568	18.321	ug/l	99

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41) Methacrylonitrile	7.301	41	28683m	18.187	ug/l	
42) 1,2-Dichloroethane	8.234	62	76126	18.166	ug/l	95
43) Isopropyl Acetate	8.270	43	109434	18.150	ug/l	97
44) Trichloroethene	8.935	130	64507	18.674	ug/l	99
45) 1,2-Dichloropropane	9.209	63	59667	18.649	ug/l	97
46) Dibromomethane	9.301	93	38144	18.506	ug/l	98
47) Bromodichloromethane	9.490	83	90246	19.014	ug/l	99
48) Methyl methacrylate	9.289	41	46922	17.737	ug/l	93
49) 1,4-Dioxane	9.295	88	13286	346.552	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	305382	89.877	ug/l	93
52) Toluene	10.240	92	143833	18.566	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	91509	18.514	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	100132	18.751	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	55370	18.484	ug/l	97
56) Ethyl methacrylate	10.508	69	77268	18.014	ug/l	92
57) 1,3-Dichloropropane	10.788	76	91980	18.559	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	187783	92.587	ug/l	92
59) 2-Hexanone	10.831	43	228098	90.876	ug/l	92
60) Dibromochloromethane	10.983	129	67333	18.877	ug/l	99
61) 1,2-Dibromoethane	11.087	107	53876	18.842	ug/l	100
64) Tetrachloroethene	10.715	164	72080	20.658	ug/l	98
65) Chlorobenzene	11.514	112	166000	18.860	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	66777	19.362	ug/l	98
67) Ethyl Benzene	11.587	91	292619	18.944	ug/l	99
68) m/p-Xylenes	11.697	106	220020	37.234	ug/l	97
69) o-Xylene	12.026	106	110089	19.039	ug/l	98
70) Styrene	12.044	104	187588	18.984	ug/l	97
71) Bromoform	12.209	173	45870	19.295	ug/l #	98
73) Isopropylbenzene	12.325	105	297684	18.739	ug/l	100
74) N-amyl acetate	12.142	43	88716	16.346	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	69484	17.898	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	48291m	17.054	ug/l	
77) Bromobenzene	12.605	156	72013	18.689	ug/l	98
78) n-propylbenzene	12.666	91	348003	18.316	ug/l	98
79) 2-Chlorotoluene	12.751	91	202375	18.689	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	251100	19.181	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	22092	17.188	ug/l	99
82) 4-Chlorotoluene	12.849	91	209741	18.736	ug/l	99
83) tert-Butylbenzene	13.074	119	226634	18.925	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	249346	19.011	ug/l	99
85) sec-Butylbenzene	13.251	105	330531	18.806	ug/l	100
86) p-Isopropyltoluene	13.367	119	277015	19.040	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	143545	19.032	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	144618	19.227	ug/l	99
89) n-Butylbenzene	13.690	91	256390	18.756	ug/l	96
90) Hexachloroethane	13.958	117	52745	18.669	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	133160	19.130	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13420	17.705	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	84588	18.990	ug/l	98
94) Hexachlorobutadiene	15.111	225	48093	19.911	ug/l	97
95) Naphthalene	15.233	128	209470	19.986	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	76231	18.907	ug/l	98

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

