

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015023.D
 Acq On : 10 Aug 2023 13:29
 Operator : SY/MD
 Sample : VY0810SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 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 14:23:30 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	314168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	504826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	453397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	229209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	175561	46.106	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.220%		
35) Dibromofluoromethane	7.716	113	159728	49.478	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.960%		
50) Toluene-d8	10.179	98	578351	47.068	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.140%		
62) 4-Bromofluorobenzene	12.477	95	208313	47.834	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35499	18.216	ug/l	98
3) Chloromethane	2.113	50	42244	17.086	ug/l	97
4) Vinyl Chloride	2.247	62	52921	17.370	ug/l	98
5) Bromomethane	2.625	94	38895	17.139	ug/l	95
6) Chloroethane	2.778	64	38754	18.423	ug/l	96
7) Trichlorofluoromethane	3.113	101	88534	18.389	ug/l	97
8) Diethyl Ether	3.521	74	32302	18.182	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	52003	18.246	ug/l	97
10) Methyl Iodide	4.082	142	54497	18.495	ug/l	99
11) Tert butyl alcohol	4.930	59	110045	119.746	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	43576	17.548	ug/l	90
13) Acrolein	3.723	56	40404	129.240	ug/l	100
14) Allyl chloride	4.472	41	73457	17.764	ug/l	96
15) Acrylonitrile	5.155	53	105459	97.166	ug/l	99
16) Acetone	3.942	43	125231	105.467	ug/l	93
17) Carbon Disulfide	4.186	76	82777	15.077	ug/l	98
18) Methyl Acetate	4.472	43	94378	21.826	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	178225	18.970	ug/l	98
20) Methylene Chloride	4.704	84	102527	11.463	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	49568	17.512	ug/l	93
22) Diisopropyl ether	6.118	45	179036	18.587	ug/l	90
23) Vinyl Acetate	6.051	43	486141	83.959	ug/l	95
24) 1,1-Dichloroethane	6.009	63	100759	18.442	ug/l	98
25) 2-Butanone	6.984	43	170368	100.175	ug/l	92
26) 2,2-Dichloropropane	6.972	77	94305	17.059	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	65763	18.359	ug/l	96
28) Bromochloromethane	7.332	49	48143	19.547	ug/l	89
29) Tetrahydrofuran	7.344	42	94663	94.917	ug/l	89
30) Chloroform	7.502	83	111490	18.785	ug/l	93
31) Cyclohexane	7.783	56	74349	16.524	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	97319	18.607	ug/l	98
36) 1,1-Dichloropropene	7.911	75	72781	18.159	ug/l	99
37) Ethyl Acetate	7.070	43	62622	19.684	ug/l #	95
38) Carbon Tetrachloride	7.899	117	85374	18.948	ug/l	98
39) Methylcyclohexane	9.179	83	83286	17.474	ug/l	92
40) Benzene	8.155	78	217082	18.394	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	35390m	22.891	ug/l	
42) 1,2-Dichloroethane	8.234	62	77356	18.830	ug/l	96
43) Isopropyl Acetate	8.271	43	112741	19.074	ug/l	97
44) Trichloroethene	8.935	130	63456	18.739	ug/l	95
45) 1,2-Dichloropropane	9.215	63	58732	18.725	ug/l	97
46) Dibromomethane	9.301	93	38515	19.062	ug/l	98
47) Bromodichloromethane	9.496	83	88882	19.102	ug/l	95
48) Methyl methacrylate	9.289	41	49570	19.114	ug/l	91
49) 1,4-Dioxane	9.295	88	15307	407.284	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	328384	98.587	ug/l	93
52) Toluene	10.240	92	142523	18.766	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	91582	18.900	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	99110	18.932	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	55173	18.788	ug/l	96
56) Ethyl methacrylate	10.508	69	80284	19.093	ug/l	90
57) 1,3-Dichloropropane	10.788	76	92411	19.020	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	193157	97.148	ug/l	92
59) 2-Hexanone	10.825	43	249711	101.484	ug/l	93
60) Dibromochloromethane	10.983	129	68385	19.557	ug/l	100
61) 1,2-Dibromoethane	11.081	107	53679	19.150	ug/l	99
64) Tetrachloroethene	10.715	164	75460	22.126	ug/l	98
65) Chlorobenzene	11.514	112	164759	19.151	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	66284	19.662	ug/l	99
67) Ethyl Benzene	11.587	91	287258	19.026	ug/l	99
68) m/p-Xylenes	11.697	106	221049	38.271	ug/l	96
69) o-Xylene	12.026	106	109028	19.291	ug/l	97
70) Styrene	12.038	104	184382	19.090	ug/l	98
71) Bromoform	12.203	173	46872	20.171	ug/l #	98
73) Isopropylbenzene	12.325	105	290467	18.852	ug/l	98
74) N-amyl acetate	12.142	43	93023	17.671	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	70904	18.831	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	51314m	18.684	ug/l	
77) Bromobenzene	12.605	156	74505	19.935	ug/l	96
78) n-propylbenzene	12.666	91	346795	18.818	ug/l	98
79) 2-Chlorotoluene	12.751	91	197725	18.826	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	245528	19.337	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	23691	19.003	ug/l	97
82) 4-Chlorotoluene	12.849	91	205147	18.894	ug/l	98
83) tert-Butylbenzene	13.068	119	225146	19.384	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	245564	19.303	ug/l	97
85) sec-Butylbenzene	13.251	105	326649	19.161	ug/l	99
86) p-Isopropyltoluene	13.367	119	273851	19.407	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	142699	19.506	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	144487	19.805	ug/l	98
89) n-Butylbenzene	13.690	91	252205	19.022	ug/l	96
90) Hexachloroethane	13.959	117	52100	19.013	ug/l	93
91) 1,2-Dichlorobenzene	13.733	146	132361	19.605	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14998	20.400	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	84625	19.588	ug/l	97
94) Hexachlorobutadiene	15.105	225	48420	20.668	ug/l	96
95) Naphthalene	15.233	128	219107	21.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	76786	19.635	ug/l	98

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

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