

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013203.D
 Acq On : 05 Apr 2023 11:46
 Operator : KP/MD
 Sample : VY0405SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0405SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Apr 06 01:26:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						04/06/2023
1) Pentafluorobenzene	7.783	168	123205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	178042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	89355	50.000	ug/l	0.00
System Monitoring Compounds						04/06/2023
33) 1,2-Dichloroethane-d4	8.136	65	66313	50.083	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.160%	
35) Dibromofluoromethane	7.710	113	59044	50.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.520%	
50) Toluene-d8	10.179	98	218621	49.790	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	12.477	95	76247	53.348	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	21601	17.885	ug/l	98
3) Chloromethane	2.113	50	15479	12.290	ug/l	99
4) Vinyl Chloride	2.247	62	22672	17.954	ug/l	96
5) Bromomethane	2.637	94	16205	18.184	ug/l	94
6) Chloroethane	2.784	64	14786	18.692	ug/l	92
7) Trichlorofluoromethane	3.119	101	38715	17.226	ug/l	99
8) Diethyl Ether	3.527	74	13566	19.222	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	22951	18.523	ug/l	99
10) Methyl Iodide	4.082	142	26604	16.488	ug/l	99
11) Tert butyl alcohol	4.960	59	13638	114.282	ug/l	99
12) 1,1-Dichloroethene	3.863	96	21606	18.038	ug/l	99
13) Acrolein	3.723	56	16186	96.651	ug/l	99
14) Allyl chloride	4.472	41	40812	19.997	ug/l	99
15) Acrylonitrile	5.155	53	32122	91.596	ug/l	99
16) Acetone	3.942	43	40371	99.711	ug/l	97
17) Carbon Disulfide	4.186	76	66502	16.671	ug/l	97
18) Methyl Acetate	4.466	43	29011	22.741	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	60174	19.825	ug/l	91
20) Methylene Chloride	4.710	84	29468	17.604	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	23613	17.497	ug/l	95
22) Diisopropyl ether	6.112	45	64397	16.150	ug/l	95
23) Vinyl Acetate	6.057	43	193723	85.435	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	39283	16.635	ug/l	99
25) 2-Butanone	6.984	43	45443	89.762	ug/l	97
26) 2,2-Dichloropropane	6.978	77	40507	19.071	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	26443	18.187	ug/l	94
28) Bromochloromethane	7.332	49	15260	15.060	ug/l #	72
29) Tetrahydrofuran	7.338	42	26685	89.042	ug/l	88
30) Chloroform	7.502	83	45212	18.488	ug/l	98
31) Cyclohexane	7.783	56	33201	15.359	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	42987	19.882	ug/l	99
36) 1,1-Dichloropropene	7.911	75	32323	18.460	ug/l	96
37) Ethyl Acetate	7.069	43	18875	18.977	ug/l	99
38) Carbon Tetrachloride	7.899	117	40146	20.780	ug/l	99
39) Methylcyclohexane	9.179	83	36967	17.996	ug/l	97
40) Benzene	8.155	78	94064	18.600	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8850m	20.056	ug/l	99
42) 1,2-Dichloroethane	8.234	62	32424	20.926	ug/l	99
43) Isopropyl Acetate	8.270	43	33255	18.678	ug/l	96
44) Trichloroethene	8.935	130	28019	20.126	ug/l	95
45) 1,2-Dichloropropane	9.215	63	21929	17.316	ug/l	99
46) Dibromomethane	9.301	93	14516	19.954	ug/l	91
47) Bromodichloromethane	9.496	83	34367	19.579	ug/l #	98
48) Methyl methacrylate	9.289	41	14796	17.844	ug/l	84
49) 1,4-Dioxane	9.295	88	3896	450.172	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	92259	96.016	ug/l	95
52) Toluene	10.240	92	61569	19.626	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	35633	19.860	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	39200	19.130	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	20604	20.489	ug/l	99
56) Ethyl methacrylate	10.508	69	25715	20.339	ug/l	95
57) 1,3-Dichloropropane	10.788	76	33099	19.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	60499	102.336	ug/l	91
59) 2-Hexanone	10.831	43	69249	99.650	ug/l	95
60) Dibromochloromethane	10.983	129	27036	21.406	ug/l	100
61) 1,2-Dibromoethane	11.087	107	20037	20.565	ug/l	100
64) Tetrachloroethene	10.715	164	26060	20.633	ug/l	99
65) Chlorobenzene	11.514	112	68785	19.722	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	26761	20.467	ug/l	98
67) Ethyl Benzene	11.593	91	118477	19.668	ug/l	97
68) m/p-Xylenes	11.697	106	95099	40.812	ug/l	98
69) o-Xylene	12.026	106	45034	20.836	ug/l	95
70) Styrene	12.044	104	75084	20.767	ug/l	98
71) Bromoform	12.203	173	18892	23.301	ug/l #	97
73) Isopropylbenzene	12.325	105	117871	19.110	ug/l	99
74) N-amyl acetate	12.142	43	29907	17.660	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	24194	18.726	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	21335m	21.254	ug/l	99
77) Bromobenzene	12.605	156	30905	20.153	ug/l	89
78) n-propylbenzene	12.666	91	141321	18.635	ug/l	97
79) 2-Chlorotoluene	12.751	91	79429	18.457	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	100848	19.556	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	8977	19.944	ug/l	98
82) 4-Chlorotoluene	12.849	91	84653	18.901	ug/l	98
83) tert-Butylbenzene	13.075	119	91438	20.644	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	100631	19.927	ug/l	98
85) sec-Butylbenzene	13.251	105	129919	19.426	ug/l	99
86) p-Isopropyltoluene	13.367	119	111697	20.288	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	60707	19.970	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	60967	20.015	ug/l	99
89) n-Butylbenzene	13.690	91	97169	18.879	ug/l	98
90) Hexachloroethane	13.958	117	21403	18.661	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	55160	20.318	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	4509	20.973	ug/l	99
93) 1,2,4-Trichlorobenzene	15.001	180	33471	21.142	ug/l	98
94) Hexachlorobutadiene	15.111	225	21161	21.733	ug/l	99
95) Naphthalene	15.233	128	64603	21.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	30308	21.729	ug/l	99

04/06/2023
 Supervised By :Mahesh
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Dadoda

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