

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040523\
 Data File : VY013207.D
 Acq On : 05 Apr 2023 17:12
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

04/06/2023

Supervised By :Mahesh

Dadoda

04/06/2023

Quant Time: Apr 06 01:28:48 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						
1) Pentafluorobenzene	7.789	168	126616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	163940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	63426	46.612	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.220%		
35) Dibromofluoromethane	7.716	113	57669	48.790	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.580%		
50) Toluene-d8	10.179	98	219306	49.148	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.300%		
62) 4-Bromofluorobenzene	12.483	95	74635	51.386	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.780%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	58163	46.860	ug/l	99
3) Chloromethane	2.113	50	43915	33.927	ug/l	100
4) Vinyl Chloride	2.253	62	64215	49.482	ug/l	98
5) Bromomethane	2.650	94	41839	45.683	ug/l	93
6) Chloroethane	2.796	64	40008	49.215	ug/l	100
7) Trichlorofluoromethane	3.125	101	109566	47.437	ug/l	95
8) Diethyl Ether	3.528	74	37693	51.970	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	63624	49.965	ug/l	94
10) Methyl Iodide	4.088	142	91140	54.964	ug/l	97
11) Tert butyl alcohol	4.948	59	29473	240.320	ug/l	98
12) 1,1-Dichloroethene	3.869	96	60849	49.432	ug/l	97
13) Acrolein	3.729	56	33906	197.007	ug/l	99
14) Allyl chloride	4.473	41	92715	44.205	ug/l	89
15) Acrylonitrile	5.155	53	84946	235.697	ug/l	98
16) Acetone	3.942	43	100717	242.057	ug/l	95
17) Carbon Disulfide	4.192	76	180090	43.931	ug/l	100
18) Methyl Acetate	4.473	43	58890	44.918	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	167913	53.831	ug/l	97
20) Methylene Chloride	4.710	84	68758	47.613	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	68892	49.672	ug/l	92
22) Diisopropyl ether	6.113	45	169804	41.438	ug/l #	91
23) Vinyl Acetate	6.058	43	508376	218.163	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	106207	43.762	ug/l	99
25) 2-Butanone	6.978	43	110313	212.027	ug/l	98
26) 2,2-Dichloropropane	6.978	77	105468	48.316	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	71653	47.954	ug/l	95
28) Bromochloromethane	7.332	49	40934	39.308	ug/l #	76
29) Tetrahydrofuran	7.344	42	64497	209.415	ug/l #	86
30) Chloroform	7.503	83	119011	47.355	ug/l	98
31) Cyclohexane	7.783	56	90375	40.683	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	113943	51.279	ug/l	98
36) 1,1-Dichloropropene	7.911	75	87803	49.344	ug/l	97
37) Ethyl Acetate	7.070	43	45342	44.857	ug/l	98
38) Carbon Tetrachloride	7.899	117	109883	55.967	ug/l	99
39) Methylcyclohexane	9.179	83	105454	50.516	ug/l	96
40) Benzene	8.155	78	250076	48.659	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	22913m	51.096	ug/l	
42) 1,2-Dichloroethane	8.234	62	83696	53.154	ug/l	99
43) Isopropyl Acetate	8.271	43	84184	46.528	ug/l #	94
44) Trichloroethene	8.935	130	78245	55.305	ug/l	98
45) 1,2-Dichloropropane	9.216	63	58355	45.344	ug/l	96
46) Dibromomethane	9.301	93	37325	50.487	ug/l	92
47) Bromodichloromethane	9.490	83	90293	50.617	ug/l #	97
48) Methyl methacrylate	9.289	41	40247	47.762	ug/l	89
49) 1,4-Dioxane	9.295	88	9348	1062.872	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	227936	233.427	ug/l	96
52) Toluene	10.240	92	165221	51.826	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	95385	52.314	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	103636	49.768	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	51856	50.743	ug/l	98
56) Ethyl methacrylate	10.508	69	68593	53.385	ug/l	93
57) 1,3-Dichloropropane	10.789	76	84175	48.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	136990	228.020	ug/l	91
59) 2-Hexanone	10.831	43	168067	237.984	ug/l	96
60) Dibromochloromethane	10.984	129	70915	55.250	ug/l	98
61) 1,2-Dibromoethane	11.087	107	51269	51.779	ug/l	99
64) Tetrachloroethene	10.715	164	69340	55.017	ug/l	98
65) Chlorobenzene	11.514	112	179113	51.465	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	72696	55.716	ug/l	97
67) Ethyl Benzene	11.593	91	316177	52.600	ug/l	98
68) m/p-Xylenes	11.703	106	254825	109.590	ug/l	99
69) o-Xylene	12.026	106	120279	55.768	ug/l	96
70) Styrene	12.044	104	200808	55.658	ug/l	99
71) Bromoform	12.209	173	48080	59.426	ug/l #	98
73) Isopropylbenzene	12.331	105	322363	53.433	ug/l	99
74) N-amyl acetate	12.142	43	75774	45.745	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	58463	46.263	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	46628m	47.491	ug/l	
77) Bromobenzene	12.605	156	80376	53.587	ug/l	87
78) n-propylbenzene	12.672	91	377940	50.950	ug/l	97
79) 2-Chlorotoluene	12.758	91	213885	50.814	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	272843	54.094	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	21501	48.837	ug/l	93
82) 4-Chlorotoluene	12.855	91	224409	51.227	ug/l	99
83) tert-Butylbenzene	13.075	119	243248	56.148	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	267399	54.134	ug/l	99
85) sec-Butylbenzene	13.251	105	348325	53.249	ug/l	98
86) p-Isopropyltoluene	13.367	119	301956	56.072	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	157591	53.002	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	156737	52.606	ug/l	99
89) n-Butylbenzene	13.697	91	273615	54.351	ug/l	99
90) Hexachloroethane	13.959	117	55506	49.478	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	139617	52.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10469	49.785	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	77831	50.262	ug/l	100
94) Hexachlorobutadiene	15.111	225	47420	49.792	ug/l	99
95) Naphthalene	15.233	128	155846	47.675	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	68828	50.449	ug/l	99

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

