

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012150.D
 Acq On : 11 Jan 2023 09:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 11 11:42:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

01/12/2023

Supervised By :Mahesh
 Dadoda

01/12/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	163064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118250	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.143	65	84357	46.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.722	113	77080	49.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.179	98	294688	47.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.483	95	107737	49.857	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.720%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.906	85	60353	46.284	ug/l	99
3) Chloromethane	2.119	50	54972	46.143	ug/l	99
4) Vinyl Chloride	2.253	62	66893	42.208	ug/l	100
5) Bromomethane	2.656	94	51310	49.417	ug/l	98
6) Chloroethane	2.796	64	46591	44.373	ug/l	99
7) Trichlorofluoromethane	3.131	101	144873	45.886	ug/l	98
8) Diethyl Ether	3.534	74	42030	43.480	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.900	101	75624	46.521	ug/l	95
10) Methyl Iodide	4.095	142	97340	44.171	ug/l	94
11) Tert butyl alcohol	4.948	59	42918	193.070	ug/l	97
12) 1,1-Dichloroethene	3.875	96	70371	44.156	ug/l	97
13) Acrolein	3.729	56	17423	173.973	ug/l	99
14) Allyl chloride	4.479	41	89158	41.500	ug/l #	83
15) Acrylonitrile	5.168	53	103029	226.855	ug/l	100
16) Acetone	3.948	43	103795	240.810	ug/l	100
17) Carbon Disulfide	4.198	76	172253	44.288	ug/l	98
18) Methyl Acetate	4.479	43	53800	43.392	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	217083	46.278	ug/l	94
20) Methylene Chloride	4.716	84	86134	46.902	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	81520	46.227	ug/l	93
22) Diisopropyl ether	6.119	45	209369	47.374	ug/l #	94
23) Vinyl Acetate	6.064	43	610472	228.265	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	137348	46.721	ug/l	99
25) 2-Butanone	6.984	43	126681	222.765	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	149428	47.118	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	96041	47.683	ug/l	96
28) Bromochloromethane	7.338	49	34668	46.646	ug/l #	77
29) Tetrahydrofuran	7.344	42	72676	218.941	ug/l #	85
30) Chloroform	7.509	83	165404	49.360	ug/l	99
31) Cyclohexane	7.783	56	107223	46.056	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	159679	49.060	ug/l	99
36) 1,1-Dichloropropene	7.917	75	112621	47.394	ug/l	98
37) Ethyl Acetate	7.076	43	50919	40.020	ug/l #	94
38) Carbon Tetrachloride	7.905	117	151385	50.193	ug/l	97
39) Methylcyclohexane	9.185	83	129391	45.582	ug/l	93
40) Benzene	8.161	78	332214	47.977	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	26908m	38.885	ug/l	
42) 1,2-Dichloroethane	8.240	62	107131	48.868	ug/l	100
43) Isopropyl Acetate	8.271	43	96301	45.164	ug/l #	95
44) Trichloroethene	8.941	130	97660	48.302	ug/l	95
45) 1,2-Dichloropropane	9.216	63	73929	47.918	ug/l	99
46) Dibromomethane	9.307	93	48148	49.573	ug/l	97
47) Bromodichloromethane	9.496	83	124451	50.393	ug/l	99
48) Methyl methacrylate	9.289	41	44568	46.662	ug/l	90
49) 1,4-Dioxane	9.295	88	12135	902.263	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	265780	234.254	ug/l	96
52) Toluene	10.246	92	226902	49.506	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	126938	49.409	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	133798	48.140	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	70436	50.212	ug/l	97
56) Ethyl methacrylate	10.508	69	89813	48.875	ug/l	94
57) 1,3-Dichloropropane	10.789	76	115693	49.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	157480	234.293	ug/l	91
59) 2-Hexanone	10.831	43	194261	243.838	ug/l	95
60) Dibromochloromethane	10.984	129	94447	51.064	ug/l	99
61) 1,2-Dibromoethane	11.087	107	65351	48.675	ug/l	99
64) Tetrachloroethene	10.721	164	106679	49.344	ug/l	98
65) Chlorobenzene	11.514	112	248486	49.300	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	98876	50.811	ug/l	97
67) Ethyl Benzene	11.593	91	445143	49.411	ug/l	98
68) m/p-Xylenes	11.703	106	349842	99.008	ug/l	99
69) o-Xylene	12.032	106	167854	49.891	ug/l	98
70) Styrene	12.044	104	287143	50.244	ug/l	99
71) Bromoform	12.209	173	61736	49.931	ug/l #	98
73) Isopropylbenzene	12.331	105	459386	49.096	ug/l	99
74) N-amyl acetate	12.148	43	85624	44.326	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	74241	47.168	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	64248m	47.585	ug/l	
77) Bromobenzene	12.611	156	107723	48.271	ug/l	93
78) n-propylbenzene	12.672	91	534330	48.918	ug/l	98
79) 2-Chlorotoluene	12.758	91	299630	47.955	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	399479	49.777	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	27458	45.164	ug/l	95
82) 4-Chlorotoluene	12.855	91	313910	48.034	ug/l	98
83) tert-Butylbenzene	13.075	119	355251	50.522	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	392998	49.470	ug/l	100
85) sec-Butylbenzene	13.258	105	496819	49.157	ug/l	98
86) p-Isopropyltoluene	13.373	119	436576	49.860	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	218437	48.830	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	214639	48.032	ug/l	99
89) n-Butylbenzene	13.697	91	377679	49.774	ug/l	98
90) Hexachloroethane	13.965	117	78495	48.322	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	193422	48.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14070	44.977	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	120302	48.418	ug/l	99
94) Hexachlorobutadiene	15.117	225	73771	49.209	ug/l	99
95) Naphthalene	15.239	128	235780	47.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	104228	48.248	ug/l	100

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

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