

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011385.D
 Acq On : 10 Nov 2022 12:38
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 12:51:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 12:12:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	307230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	479843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	432062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	119071	36.238	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	72.480%		
35) Dibromofluoromethane	7.716	113	127109	41.229	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.460%		
50) Toluene-d8	10.179	98	466308	38.957	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.920%		
62) 4-Bromofluorobenzene	12.477	95	169872	40.879	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	81.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	85515	33.640	ug/l	100
3) Chloromethane	2.113	50	109739	32.212	ug/l	95
4) Vinyl Chloride	2.247	62	130590	34.316	ug/l	98
5) Bromomethane	2.650	94	99278	39.104	ug/l	100
6) Chloroethane	2.790	64	88718	36.280	ug/l	99
7) Trichlorofluoromethane	3.125	101	211100	37.548	ug/l	93
8) Diethyl Ether	3.528	74	81126	40.215	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.899	101	131120	38.792	ug/l	95
10) Methyl Iodide	4.088	142	171690	39.459	ug/l	90
11) Tert butyl alcohol	4.948	59	85127	252.612	ug/l	100
12) 1,1-Dichloroethene	3.869	96	130619	39.085	ug/l #	77
13) Acrolein	3.729	56	18287	92.575	ug/l	96
14) Allyl chloride	4.479	41	183760	36.301	ug/l #	82
15) Acrylonitrile	5.155	53	203911	201.440	ug/l	97
16) Acetone	3.942	43	187483	189.020	ug/l #	79
17) Carbon Disulfide	4.192	76	378893	34.519	ug/l	100
18) Methyl Acetate	4.472	43	94734	36.076	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	375125	42.241	ug/l	95
20) Methylene Chloride	4.716	84	200615	49.396	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	151760	39.926	ug/l	83
22) Diisopropyl ether	6.112	45	402062	38.308	ug/l #	91
23) Vinyl Acetate	6.058	43	1267185	197.812	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	252930	38.482	ug/l	97
25) 2-Butanone	6.984	43	262447	188.053	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	232871	38.747	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	175108	41.809	ug/l	83
28) Bromochloromethane	7.332	49	97731	38.710	ug/l #	71
29) Tetrahydrofuran	7.344	42	160755	197.861	ug/l #	77
30) Chloroform	7.502	83	269734	40.633	ug/l	99
31) Cyclohexane	7.783	56	214187	35.169	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	239679	40.707	ug/l	94
36) 1,1-Dichloropropene	7.917	75	200627	39.849	ug/l	95
37) Ethyl Acetate	7.070	43	106413	39.208	ug/l #	88
38) Carbon Tetrachloride	7.899	117	219423	42.009	ug/l	99
39) Methylcyclohexane	9.179	83	249451	40.726	ug/l	88
40) Benzene	8.161	78	604095	40.826	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	58681m	39.792	ug/l	
42) 1,2-Dichloroethane	8.234	62	163218	40.621	ug/l	89
43) Isopropyl Acetate	8.271	43	193971	40.565	ug/l #	85
44) Trichloroethene	8.935	130	170436	43.040	ug/l	99
45) 1,2-Dichloropropane	9.216	63	146000	39.911	ug/l	97
46) Dibromomethane	9.301	93	88016	42.583	ug/l	97
47) Bromodichloromethane	9.496	83	206370	42.119	ug/l	99
48) Methyl methacrylate	9.289	41	86320	39.302	ug/l #	72
49) 1,4-Dioxane	9.295	88	25718	924.909	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	538838	207.247	ug/l #	83
52) Toluene	10.240	92	391396	42.659	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	217350	42.121	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	247933	41.991	ug/l #	79
55) 1,1,2-Trichloroethane	10.642	97	127079	42.899	ug/l	99
56) Ethyl methacrylate	10.508	69	177257	45.300	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	213883	42.181	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	401397	218.816	ug/l	92
59) 2-Hexanone	10.831	43	394774	212.680	ug/l	80
60) Dibromochloromethane	10.984	129	157054	44.622	ug/l	100
61) 1,2-Dibromoethane	11.087	107	124031	44.102	ug/l	100
64) Tetrachloroethene	10.721	164	165540	45.105	ug/l	99
65) Chlorobenzene	11.514	112	422174	44.289	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	159202	45.359	ug/l	98
67) Ethyl Benzene	11.593	91	744764	44.046	ug/l	98
68) m/p-Xylenes	11.703	106	587798	89.553	ug/l	94
69) o-Xylene	12.026	106	280480	45.586	ug/l	92
70) Styrene	12.044	104	480943	46.110	ug/l	95
71) Bromoform	12.203	173	103994	47.671	ug/l #	99
73) Isopropylbenzene	12.325	105	733737	45.557	ug/l	100
74) N-amyl acetate	12.142	43	172079	42.563	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	147972	44.399	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	132082m	50.365	ug/l	
77) Bromobenzene	12.605	156	177300	46.800	ug/l	94
78) n-propylbenzene	12.672	91	871929	44.243	ug/l	97
79) 2-Chlorotoluene	12.758	91	497380	44.047	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	618138	45.355	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	53918	44.001	ug/l #	81
82) 4-Chlorotoluene	12.855	91	512130	44.010	ug/l	98
83) tert-Butylbenzene	13.075	119	539904	45.976	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	611546	45.370	ug/l	98
85) sec-Butylbenzene	13.251	105	784433	45.053	ug/l	99
86) p-Isopropyltoluene	13.367	119	662140	45.626	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	347340	45.724	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	341180	44.782	ug/l	99
89) n-Butylbenzene	13.696	91	596137	43.990	ug/l	98
90) Hexachloroethane	13.959	117	125171	43.128	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	310123	45.704	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24407	42.750	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	191593	46.717	ug/l	99
94) Hexachlorobutadiene	15.111	225	105058	43.995	ug/l	98
95) Naphthalene	15.233	128	409327	43.267	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	167272	46.411	ug/l	98

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

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