

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006436.D
 Acq On : 22 Oct 2021 13:15
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 23 06:36:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:31:41 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	144663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	219354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	205842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	174453	97.998	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 196.000%#			
35) Dibromofluoromethane	7.722	113	123962	101.391	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 202.780%#			
50) Toluene-d8	10.185	98	533035	102.846	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 205.700%#			
62) 4-Bromofluorobenzene	12.483	95	177758	101.815	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 203.640%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	139752	104.509	ug/l	99
3) Chloromethane	2.119	50	192338	106.560	ug/l	100
4) Vinyl Chloride	2.259	62	212506	105.418	ug/l	99
5) Bromomethane	2.643	94	121746	90.654	ug/l	99
6) Chloroethane	2.796	64	118509	99.557	ug/l	95
7) Trichlorofluoromethane	3.131	101	254349	99.369	ug/l	97
8) Diethyl Ether	3.533	74	83297	99.366	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	129302	99.222	ug/l	99
10) Methyl Iodide	4.100	142	147728	119.610	ug/l	100
11) Tert butyl alcohol	4.966	59	71662	443.118	ug/l	100
12) 1,1-Dichloroethene	3.875	96	131869	100.969	ug/l	99
13) Acrolein	3.734	56	50909	455.348	ug/l	98
14) Allyl chloride	4.490	41	275705	102.565	ug/l	100
15) Acrylonitrile	5.173	53	229210	485.542	ug/l	100
16) Acetone	3.954	43	272043	530.719	ug/l	99
17) Carbon Disulfide	4.198	76	442526	103.304	ug/l	99
18) Methyl Acetate	4.484	43	157543	94.781	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	423965	101.252	ug/l	99
20) Methylene Chloride	4.728	84	150680	78.951	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	150679	101.736	ug/l	99
22) Diisopropyl ether	6.124	45	534853	99.834	ug/l	99
23) Vinyl Acetate	6.069	43	1661261	509.832	ug/l	100
24) 1,1-Dichloroethane	6.027	63	278244	99.325	ug/l	100
25) 2-Butanone	6.990	43	345291	514.173	ug/l	99
26) 2,2-Dichloropropane	6.990	77	267203	100.284	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	170564	100.876	ug/l	99
28) Bromochloromethane	7.344	49	107249	94.362	ug/l	99
29) Tetrahydrofuran	7.356	42	203047	492.831	ug/l	99
30) Chloroform	7.514	83	283721	98.073	ug/l	95
31) Cyclohexane	7.795	56	279854	97.107	ug/l	98
32) 1,1,1-Trichloroethane	7.709	97	267931	100.301	ug/l	99
36) 1,1-Dichloropropene	7.923	75	223166	102.966	ug/l	99
37) Ethyl Acetate	7.081	43	134460	98.027	ug/l	98
38) Carbon Tetrachloride	7.904	117	243564	101.868	ug/l	100
39) Methylcyclohexane	9.185	83	279612	105.977	ug/l	98
40) Benzene	8.167	78	634541	102.648	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	89226m	122.951	ug/l	
42) 1,2-Dichloroethane	8.240	62	218247	98.866	ug/l	99
43) Isopropyl Acetate	8.276	43	270086	101.500	ug/l	99
44) Trichloroethene	8.941	130	162681	102.041	ug/l	99
45) 1,2-Dichloropropane	9.221	63	154062	100.617	ug/l	99
46) Dibromomethane	9.307	93	84976	101.104	ug/l	100
47) Bromodichloromethane	9.502	83	219786	100.521	ug/l	99
48) Methyl methacrylate	9.294	41	126609	102.661	ug/l	99
49) 1,4-Dioxane	9.301	88	22650	1984.995	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	713141	511.253	ug/l	99
52) Toluene	10.245	92	402631	103.811	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	243891	103.545	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	259926	101.854	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	116825	100.530	ug/l	96
56) Ethyl methacrylate	10.514	69	188370	104.923	ug/l	98
57) 1,3-Dichloropropane	10.794	76	213856	101.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	400114	488.543	ug/l	100
59) 2-Hexanone	10.837	43	523679	518.726	ug/l	99
60) Dibromochloromethane	10.989	129	145526	101.523	ug/l	98
61) 1,2-Dibromoethane	11.093	107	110460	100.959	ug/l	99
64) Tetrachloroethene	10.721	164	181759	100.984	ug/l	98
65) Chlorobenzene	11.520	112	408815	102.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	155784	103.300	ug/l	99
67) Ethyl Benzene	11.593	91	805580	105.607	ug/l	100
68) m/p-Xylenes	11.703	106	613219	213.689	ug/l	98
69) o-Xylene	12.032	106	291612	106.497	ug/l	98
70) Styrene	12.044	104	498754	106.531	ug/l	100
71) Bromoform	12.209	173	97436	102.211	ug/l	99
73) Isopropylbenzene	12.330	105	768644	105.557	ug/l	99
74) N-amyl acetate	12.142	43	253876	105.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	127747	101.335	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	114636m	200.263	ug/l	
77) Bromobenzene	12.611	156	177547	103.491	ug/l	99
78) n-propylbenzene	12.672	91	940519	104.514	ug/l	100
79) 2-Chlorotoluene	12.757	91	517659	103.906	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	635734	104.265	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	52835	101.118	ug/l	98
82) 4-Chlorotoluene	12.855	91	533833	102.835	ug/l	100
83) tert-Butylbenzene	13.074	119	543408	103.712	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	635095	104.173	ug/l	100
85) sec-Butylbenzene	13.251	105	818003	103.974	ug/l	100
86) p-Isopropyltoluene	13.367	119	705971	105.184	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	352039	102.242	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	340680	100.629	ug/l	100
89) n-Butylbenzene	13.696	91	660176	104.563	ug/l	100
90) Hexachloroethane	13.958	117	123444	101.837	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	304284	100.753	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26532	99.137	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	207405	104.029	ug/l	99
94) Hexachlorobutadiene	15.110	225	127889	100.085	ug/l	100
95) Naphthalene	15.239	128	416200	106.650	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	180830	103.572	ug/l	100

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

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