

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121724\
 Data File : VY020613.D
 Acq On : 17 Dec 2024 10:01
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 18 04:50:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 04:39:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	170610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	263150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	228550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	127910	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	21133	11.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	22.620%#
35) Dibromofluoromethane	7.634	113	20262	10.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.860%#
50) Toluene-d8	10.103	98	69155	10.653	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	21.300%#
62) 4-Bromofluorobenzene	12.401	95	28323	11.154	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	22.300%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	23136	10.857	ug/l	100
3) Chloromethane	2.068	50	16735	10.599	ug/l	98
4) Vinyl Chloride	2.202	62	15133	10.297	ug/l	98
5) Bromomethane	2.598	94	9934	10.516	ug/l	95
6) Chloroethane	2.732	64	9308	10.249	ug/l	93
7) Trichlorofluoromethane	3.062	101	33462	10.882	ug/l	97
8) Diethyl Ether	3.458	74	11799	10.941	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	24382	11.062	ug/l	99
10) Methyl Iodide	4.007	142	27400	11.166	ug/l	96
11) Tert butyl alcohol	4.842	59	18830	72.145	ug/l #	90
12) 1,1-Dichloroethene	3.793	96	23914	11.182	ug/l	98
13) Acrolein	3.653	56	6650	75.266	ug/l	100
14) Allyl chloride	4.385	41	42157	11.250	ug/l	98
15) Acrylonitrile	5.061	53	30489	59.095	ug/l	99
16) Acetone	3.873	43	24059	59.918	ug/l	92
17) Carbon Disulfide	4.110	76	79000	11.348	ug/l	98
18) Methyl Acetate	4.391	43	16164	12.714	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	61370	11.118	ug/l	99
20) Methylene Chloride	4.622	84	25848	11.126	ug/l	94
21) trans-1,2-Dichloroethene	5.116	96	26315	10.969	ug/l	97
22) Diisopropyl ether	6.018	45	83653	10.997	ug/l	94
23) Vinyl Acetate	5.964	43	241892	56.147	ug/l	100
24) 1,1-Dichloroethane	5.915	63	47807	10.728	ug/l	99
25) 2-Butanone	6.896	43	41782	60.169	ug/l	100
26) 2,2-Dichloropropane	6.884	77	46620	11.067	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	29841	10.812	ug/l	97
28) Bromochloromethane	7.250	49	14872	9.894	ug/l	98
29) Tetrahydrofuran	7.262	42	26233	59.842	ug/l	99
30) Chloroform	7.421	83	60327	9.156	ug/l	98
31) Cyclohexane	7.701	56	47368	11.117	ug/l #	93
32) 1,1,1-Trichloroethane	7.616	97	44299	10.820	ug/l	100
36) 1,1-Dichloropropene	7.835	75	36347	10.748	ug/l	99
37) Ethyl Acetate	6.982	43	19950	12.541	ug/l	99
38) Carbon Tetrachloride	7.823	117	40394	10.796	ug/l	95
39) Methylcyclohexane	9.103	83	46462	10.541	ug/l	97
40) Benzene	8.079	78	108150	10.910	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	9800	11.653	ug/l	95
42) 1,2-Dichloroethane	8.158	62	28739	10.931	ug/l	98
43) Isopropyl Acetate	8.195	43	35299	11.721	ug/l #	88
44) Trichloroethene	8.866	130	26388	10.834	ug/l	96
45) 1,2-Dichloropropane	9.140	63	24889	10.743	ug/l	100
46) Dibromomethane	9.231	93	13764	11.242	ug/l	99
47) Bromodichloromethane	9.420	83	35352	10.689	ug/l	98
48) Methyl methacrylate	9.219	41	16060	11.218	ug/l	99
49) 1,4-Dioxane	9.225	88	3340	237.872	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	95663	60.180	ug/l	100
52) Toluene	10.170	92	65651	10.657	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	33566	10.892	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	39068	10.698	ug/l	93
55) 1,1,2-Trichloroethane	10.573	97	18100	11.181	ug/l	96
56) Ethyl methacrylate	10.438	69	25543	10.877	ug/l	99
57) 1,3-Dichloropropane	10.713	76	32029	11.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	51913	52.537	ug/l	100
59) 2-Hexanone	10.755	43	59126	57.933	ug/l	100
60) Dibromochloromethane	10.908	129	23549	10.878	ug/l	99
61) 1,2-Dibromoethane	11.012	107	16807	11.162	ug/l	99
64) Tetrachloroethene	10.646	164	23098	10.744	ug/l	96
65) Chlorobenzene	11.438	112	68621	10.738	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	24180	11.065	ug/l	98
67) Ethyl Benzene	11.518	91	125547	10.649	ug/l	99
68) m/p-Xylenes	11.627	106	94273	21.506	ug/l	98
69) o-Xylene	11.950	106	43697	10.684	ug/l	100
70) Styrene	11.969	104	72514	10.612	ug/l	99
71) Bromoform	12.127	173	13822	11.250	ug/l #	100
73) Isopropylbenzene	12.255	105	118590	10.624	ug/l	99
74) N-amyl acetate	12.066	43	28977	11.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	20569	11.352	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	14870m	11.287	ug/l	
77) Bromobenzene	12.530	156	25752	10.591	ug/l	97
78) n-propylbenzene	12.597	91	142396	10.588	ug/l	100
79) 2-Chlorotoluene	12.676	91	79651	10.527	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	94672	10.453	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	6908	10.913	ug/l	93
82) 4-Chlorotoluene	12.773	91	81482	10.380	ug/l	98
83) tert-Butylbenzene	12.993	119	86405	10.534	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	93630	10.539	ug/l	98
85) sec-Butylbenzene	13.176	105	125189	10.497	ug/l	99
86) p-Isopropyltoluene	13.292	119	101690	10.342	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	50691	10.561	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	50665	10.658	ug/l	97
89) n-Butylbenzene	13.615	91	96052	10.307	ug/l	99
90) Hexachloroethane	13.877	117	20324	10.430	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	44391	10.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3406	11.579	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	24954	9.920	ug/l	98
94) Hexachlorobutadiene	15.023	225	16620	10.107	ug/l	97
95) Naphthalene	15.145	128	42698	9.901	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	20408	9.602	ug/l	99

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

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