

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020778.D
 Acq On : 06 Jan 2025 11:09
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 07 01:05:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 00:58:55 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/07/2025
 Supervised By :Semsettin Yesilyurt 01/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	180615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	267580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	224654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	108755	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	158200	103.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	206.100%#
35) Dibromofluoromethane	7.640	113	164823	98.322	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	196.640%#
50) Toluene-d8	10.109	98	625449	107.027	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	214.060%#
62) 4-Bromofluorobenzene	12.408	95	209382	97.025	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	194.040%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	120448	90.869	ug/l	97
3) Chloromethane	2.074	50	64028	91.740	ug/l	98
4) Vinyl Chloride	2.208	62	72586	93.556	ug/l	99
5) Bromomethane	2.598	94	50097	90.656	ug/l	94
6) Chloroethane	2.745	64	46915	98.047	ug/l	93
7) Trichlorofluoromethane	3.068	101	221684	93.096	ug/l	95
8) Diethyl Ether	3.458	74	72904	97.902	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.824	101	148238	92.184	ug/l	99
10) Methyl Iodide	4.013	142	173536	100.700	ug/l	99
11) Tert butyl alcohol	4.872	59	47326	407.978	ug/l	98
12) 1,1-Dichloroethene	3.799	96	135888	96.478	ug/l	95
13) Acrolein	3.659	56	8392	257.608	ug/l	95
14) Allyl chloride	4.391	41	196103	96.506	ug/l	98
15) Acrylonitrile	5.061	53	147296	465.417	ug/l	99
16) Acetone	3.879	43	98885	452.969	ug/l	98
17) Carbon Disulfide	4.116	76	309402	101.260	ug/l	98
18) Methyl Acetate	4.391	43	70127	95.139	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	381034	95.858	ug/l	99
20) Methylene Chloride	4.622	84	142525	94.536	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	147369	95.011	ug/l	98
22) Diisopropyl ether	6.025	45	404751	93.505	ug/l	93
23) Vinyl Acetate	5.970	43	1137872	476.754	ug/l	99
24) 1,1-Dichloroethane	5.921	63	271448	95.048	ug/l	100
25) 2-Butanone	6.903	43	166531	464.391	ug/l	96
26) 2,2-Dichloropropane	6.890	77	275743	92.993	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	185769	94.926	ug/l	100
28) Bromochloromethane	7.256	49	79888	103.666	ug/l	99
29) Tetrahydrofuran	7.268	42	107970	471.332	ug/l	99
30) Chloroform	7.427	83	302029	92.736	ug/l	99
31) Cyclohexane	7.707	56	198784	88.988	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	295395	92.985	ug/l	99
36) 1,1-Dichloropropene	7.841	75	200411	93.729	ug/l	100
37) Ethyl Acetate	6.988	43	78178	91.877	ug/l	98
38) Carbon Tetrachloride	7.823	117	279602	93.940	ug/l	100
39) Methylcyclohexane	9.116	83	247594	94.364	ug/l	99
40) Benzene	8.085	78	616041	93.874	ug/l	100

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41) Methacrylonitrile	7.226	41	48629	99.789	ug/l	99
42) 1,2-Dichloroethane	8.165	62	171698	95.807	ug/l	100
43) Isopropyl Acetate	8.201	43	165322	95.524	ug/l	99
44) Trichloroethene	8.866	130	171305	93.641	ug/l	97
45) 1,2-Dichloropropane	9.146	63	140131	94.192	ug/l	98
46) Dibromomethane	9.237	93	81804	95.756	ug/l	98
47) Bromodichloromethane	9.426	83	230427	94.180	ug/l	99
48) Methyl methacrylate	9.225	41	75242	96.974	ug/l	97
49) 1,4-Dioxane	9.231	88	17506	1930.014	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	408379	472.317	ug/l	100
52) Toluene	10.176	92	408049	93.899	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	211406	97.150	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	241886	95.711	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	111768	91.577	ug/l	97
56) Ethyl methacrylate	10.445	69	155175	100.674	ug/l	98
57) 1,3-Dichloropropane	10.719	76	186590	93.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	298959	488.916	ug/l	99
59) 2-Hexanone	10.762	43	270670	487.957	ug/l	99
60) Dibromochloromethane	10.914	129	167445	94.597	ug/l	99
61) 1,2-Dibromoethane	11.018	107	103278	94.257	ug/l	99
64) Tetrachloroethene	10.652	164	152225	92.163	ug/l	98
65) Chlorobenzene	11.444	112	467277	94.075	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	174286	92.170	ug/l	99
67) Ethyl Benzene	11.524	91	820001	95.353	ug/l	99
68) m/p-Xylenes	11.633	106	618911	186.927	ug/l	100
69) o-Xylene	11.957	106	294466	93.799	ug/l	99
70) Styrene	11.975	104	502662	95.120	ug/l	99
71) Bromoform	12.133	173	100126	93.146	ug/l #	100
73) Isopropylbenzene	12.255	105	805873	93.405	ug/l	100
74) N-amyl acetate	12.072	43	141862	100.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	120344	92.030	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	79082m	82.148	ug/l	
77) Bromobenzene	12.536	156	188612	94.819	ug/l	99
78) n-propylbenzene	12.597	91	920359	93.982	ug/l	100
79) 2-Chlorotoluene	12.682	91	530633	94.094	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	658696	94.206	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	42699	94.613	ug/l	98
82) 4-Chlorotoluene	12.780	91	536070	92.111	ug/l	99
83) tert-Butylbenzene	12.999	119	602840	92.183	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	642123	94.043	ug/l	99
85) sec-Butylbenzene	13.182	105	847104	92.737	ug/l	100
86) p-Isopropyltoluene	13.298	119	729634	93.635	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	358174	92.670	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	348638	91.636	ug/l	100
89) n-Butylbenzene	13.621	91	646727	95.666	ug/l	100
90) Hexachloroethane	13.883	117	146467	93.608	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	312780	92.555	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	20287	95.948	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	202094	103.913	ug/l	100
94) Hexachlorobutadiene	15.029	225	137361	100.186	ug/l	98
95) Naphthalene	15.151	128	345567	107.959	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	169472	104.009	ug/l	98

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

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