Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
Data File : VY023662.D
Acq On : 04 Nov 2025 09:42
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 05 04:26:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:24:21 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/05/2025
Supervised By :Mahesh Dadoda 11/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	529353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	803774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	690563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	340245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	45020	9.970	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 19.940%#			
35) Dibromofluoromethane	7.640	113	50749	10.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 20.200%#			
50) Toluene-d8	10.109	98	184529	9.862	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 19.720%#			
62) 4-Bromofluorobenzene	12.401	95	56847	9.395	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 18.780%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.866	85	40187	11.565	ug/l	97
3) Chloromethane	2.074	50	54024	11.110	ug/l	100
4) Vinyl Chloride	2.208	62	70038	11.069	ug/l	98
5) Bromomethane	2.598	94	58773	11.043	ug/l	94
6) Chloroethane	2.738	64	48132	11.006	ug/l	100
7) Trichlorofluoromethane	3.055	101	96161	10.791	ug/l	100
8) Diethyl Ether	3.458	74	24107	10.088	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.817	101	53535	10.904	ug/l	99
10) Methyl Iodide	4.006	142	57829	9.974	ug/l	99
11) Tert butyl alcohol	4.866	59	14032	48.194	ug/l	97
12) 1,1-Dichloroethene	3.793	96	48878	10.335	ug/l	97
13) Acrolein	3.653	56	19002	50.776	ug/l	97
14) Allyl chloride	4.390	41	56587	9.830	ug/l	99
15) Acrylonitrile	5.067	53	42033	46.026	ug/l	98
16) Acetone	3.872	43	55971	49.867	ug/l	99
17) Carbon Disulfide	4.110	76	155402	10.705	ug/l	100
18) Methyl Acetate	4.390	43	21794	8.803	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	100086	9.126	ug/l	92
20) Methylene Chloride	4.622	84	56341	10.398	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	54511	10.222	ug/l	97
22) Diisopropyl ether	6.018	45	123533	9.630	ug/l #	90
23) Vinyl Acetate	5.963	43	311609	45.522	ug/l	98
24) 1,1-Dichloroethane	5.921	63	86555	10.129	ug/l	97
25) 2-Butanone	6.896	43	59816	46.094	ug/l	99
26) 2,2-Dichloropropane	6.890	77	80230	10.207	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	61638	10.120	ug/l	99
28) Bromochloromethane	7.250	49	34809	10.638	ug/l	94
29) Tetrahydrofuran	7.274	42	31053	44.932	ug/l	96
30) Chloroform	7.420	83	98898	10.373	ug/l	98
31) Cyclohexane	7.707	56	76145	10.232	ug/l #	89
32) 1,1,1-Trichloroethane	7.615	97	88141	10.343	ug/l	99
36) 1,1-Dichloropropene	7.841	75	66838	9.958	ug/l	100
37) Ethyl Acetate	6.987	43	24198	9.313	ug/l	98
38) Carbon Tetrachloride	7.817	117	78995	9.989	ug/l	97
39) Methylcyclohexane	9.109	83	79613	9.283	ug/l	95
40) Benzene	8.079	78	212456	10.042	ug/l	100

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41) Methacrylonitrile	7.225	41	12643m	9.122	ug/l		
42) 1,2-Dichloroethane	8.158	62	53223	9.943	ug/l		98
43) Isopropyl Acetate	8.201	43	42964	8.800	ug/l		97
44) Trichloroethene	8.865	130	61596	10.136	ug/l		100
45) 1,2-Dichloropropane	9.139	63	45808	9.810	ug/l		95
46) Dibromomethane	9.231	93	27595	9.538	ug/l		99
47) Bromodichloromethane	9.426	83	71048	9.740	ug/l		96
48) Methyl methacrylate	9.225	41	18849	8.172	ug/l		95
49) 1,4-Dioxane	9.231	88	5062	170.965	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	109221	42.067	ug/l		98
52) Toluene	10.170	92	130648	9.672	ug/l		99
53) t-1,3-Dichloropropene	10.395	75	56121	9.093	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	69773	9.436	ug/l		98
55) 1,1,2-Trichloroethane	10.572	97	37044	9.581	ug/l		94
56) Ethyl methacrylate	10.438	69	32716	7.680	ug/l		97
57) 1,3-Dichloropropane	10.718	76	58301	9.506	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	78241	40.025	ug/l		99
59) 2-Hexanone	10.761	43	79804	42.130	ug/l		95
60) Dibromochloromethane	10.914	129	50465	9.499	ug/l		100
61) 1,2-Dibromoethane	11.017	107	33380	9.199	ug/l		97
64) Tetrachloroethene	10.645	164	75769	10.541	ug/l		98
65) Chlorobenzene	11.444	112	151288	10.063	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.517	131	52459	9.868	ug/l		97
67) Ethyl Benzene	11.517	91	229438	9.430	ug/l		100
68) m/p-Xylenes	11.627	106	185401	19.072	ug/l		100
69) o-Xylene	11.956	106	82846	9.219	ug/l		99
70) Styrene	11.968	104	135208	9.119	ug/l		99
71) Bromoform	12.133	173	28921	9.315	ug/l	#	99
73) Isopropylbenzene	12.255	105	217972	9.579	ug/l		99
74) N-amyl acetate	12.066	43	32719	8.492	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	33622	9.251	ug/l		96
76) 1,2,3-Trichloropropane	12.553	75	30827m	11.195	ug/l		
77) Bromobenzene	12.529	156	58175	9.855	ug/l		99
78) n-propylbenzene	12.596	91	257281	9.612	ug/l		100
79) 2-Chlorotoluene	12.675	91	152691	9.830	ug/l		99
80) 1,3,5-Trimethylbenzene	12.736	105	177222	9.585	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	11473	9.416	ug/l		95
82) 4-Chlorotoluene	12.773	91	158206	9.876	ug/l		100
83) tert-Butylbenzene	12.999	119	158294	9.400	ug/l		100
84) 1,2,4-Trimethylbenzene	13.041	105	177023	9.667	ug/l		100
85) sec-Butylbenzene	13.175	105	236332	9.730	ug/l		100
86) p-Isopropyltoluene	13.291	119	192560	9.365	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	115903	9.976	ug/l		100
88) 1,4-Dichlorobenzene	13.364	146	114652	10.046	ug/l		96
89) n-Butylbenzene	13.614	91	166099	9.290	ug/l		99
90) Hexachloroethane	13.876	117	44630	10.101	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	99858	9.974	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5202	9.296	ug/l		95
93) 1,2,4-Trichlorobenzene	14.919	180	50808	8.872	ug/l		98
94) Hexachlorobutadiene	15.023	225	37521	9.999	ug/l		99
95) Naphthalene	15.144	128	64530	11.029	ug/l		99
96) 1,2,3-Trichlorobenzene	15.327	180	41611	8.697	ug/l		98

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

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