

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121625\
 Data File : VY023987.D
 Acq On : 16 Dec 2025 14:06
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Dec 17 03:35:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:31:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	487416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	682013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	575987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	294623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	79018	21.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.900%#
35) Dibromofluoromethane	7.640	113	91546	22.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.860%#
50) Toluene-d8	10.109	98	331238	22.491	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	44.980%#
62) 4-Bromofluorobenzene	12.408	95	105820	21.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	72166	23.076	ug/l	93
3) Chloromethane	2.080	50	76133	20.799	ug/l	93
4) Vinyl Chloride	2.214	62	98460	21.291	ug/l	96
5) Bromomethane	2.604	94	86456	21.066	ug/l	96
6) Chloroethane	2.745	64	69356	21.291	ug/l	99
7) Trichlorofluoromethane	3.068	101	160253	21.709	ug/l	100
8) Diethyl Ether	3.464	74	42012	21.298	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	96699	21.857	ug/l	100
10) Methyl Iodide	4.019	142	98486	18.093	ug/l	99
11) Tert butyl alcohol	4.878	59	20273	94.011	ug/l	100
12) 1,1-Dichloroethene	3.799	96	84662	21.115	ug/l	93
13) Acrolein	3.665	56	37808	104.564	ug/l	100
14) Allyl chloride	4.397	41	104713	21.561	ug/l	97
15) Acrylonitrile	5.073	53	77232	100.788	ug/l	99
16) Acetone	3.879	43	120440	100.971	ug/l	99
17) Carbon Disulfide	4.116	76	200122	19.945	ug/l	97
18) Methyl Acetate	4.403	43	31731	19.071	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	198643	20.853	ug/l	95
20) Methylene Chloride	4.635	84	104915	20.724	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	93653	21.493	ug/l	97
22) Diisopropyl ether	6.031	45	246231	21.954	ug/l	99
23) Vinyl Acetate	5.976	43	635748	104.129	ug/l	99
24) 1,1-Dichloroethane	5.933	63	160917	22.049	ug/l	100
25) 2-Butanone	6.902	43	122082	107.970	ug/l	96
26) 2,2-Dichloropropane	6.896	77	150973	22.168	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	113126	21.918	ug/l	98
28) Bromochloromethane	7.256	49	57733	19.822	ug/l	99
29) Tetrahydrofuran	7.274	42	54801	95.728	ug/l	96
30) Chloroform	7.433	83	178727	22.075	ug/l	97
31) Cyclohexane	7.707	56	135220	20.971	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	165605	22.050	ug/l	99
36) 1,1-Dichloropropene	7.841	75	122576	21.911	ug/l	99
37) Ethyl Acetate	6.994	43	42346	19.996	ug/l	96
38) Carbon Tetrachloride	7.829	117	152819	21.808	ug/l	99
39) Methylcyclohexane	9.115	83	155847	20.894	ug/l	98
40) Benzene	8.085	78	374777	21.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	27598m	21.582	ug/l	98
42) 1,2-Dichloroethane	8.164	62	94620	21.410	ug/l	98
43) Isopropyl Acetate	8.201	43	81989	20.015	ug/l #	86
44) Trichloroethene	8.872	130	112105	22.178	ug/l	97
45) 1,2-Dichloropropane	9.146	63	86118	22.358	ug/l	98
46) Dibromomethane	9.237	93	49628	21.486	ug/l	98
47) Bromodichloromethane	9.432	83	130943	21.851	ug/l	96
48) Methyl methacrylate	9.225	41	36663	18.363	ug/l	95
49) 1,4-Dioxane	9.243	88	9648	383.504	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	213370	99.508	ug/l	99
52) Toluene	10.176	92	259551	21.737	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	106112	20.833	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	131949	21.623	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	68495	21.590	ug/l	93
56) Ethyl methacrylate	10.444	69	72848	18.168	ug/l	98
57) 1,3-Dichloropropane	10.725	76	109002	21.430	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	152235	113.284	ug/l	99
59) 2-Hexanone	10.768	43	169961	105.474	ug/l	99
60) Dibromochloromethane	10.914	129	96156	21.552	ug/l	99
61) 1,2-Dibromoethane	11.018	107	61667	20.993	ug/l	99
64) Tetrachloroethene	10.652	164	134766	22.804	ug/l	99
65) Chlorobenzene	11.444	112	283227	22.344	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	99962	22.344	ug/l	99
67) Ethyl Benzene	11.524	91	450520	21.847	ug/l	98
68) m/p-Xylenes	11.633	106	367280	44.344	ug/l	100
69) o-Xylene	11.956	106	169534	22.006	ug/l	99
70) Styrene	11.975	104	275342	22.268	ug/l	99
71) Bromoform	12.139	173	56823	21.290	ug/l #	99
73) Isopropylbenzene	12.261	105	462181	22.774	ug/l	100
74) N-amyl acetate	12.072	43	65944	18.137	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	62744	20.406	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	55391m	21.234	ug/l	99
77) Bromobenzene	12.536	156	113224	22.196	ug/l	97
78) n-propylbenzene	12.597	91	524010	22.530	ug/l	100
79) 2-Chlorotoluene	12.682	91	302524	22.721	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	365292	22.891	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	20817	20.423	ug/l	99
82) 4-Chlorotoluene	12.779	91	309992	22.676	ug/l	99
83) tert-Butylbenzene	12.999	119	349220	23.314	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	362276	22.962	ug/l	99
85) sec-Butylbenzene	13.176	105	489822	22.653	ug/l	99
86) p-Isopropyltoluene	13.298	119	410439	22.594	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	220478	22.463	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	214678	22.286	ug/l	98
89) n-Butylbenzene	13.621	91	349694	22.282	ug/l	99
90) Hexachloroethane	13.883	117	84988	22.409	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	189480	22.382	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8792	19.621	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	105075	21.818	ug/l	100
94) Hexachlorobutadiene	15.023	225	74781	22.180	ug/l	99
95) Naphthalene	15.151	128	142967	18.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	86127	21.311	ug/l	99

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 Supervised By : Mahesh
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Dadoda

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