

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY043025\
 Data File : VY022073.D
 Acq On : 30 Apr 2025 10:52
 Operator : SY/MD
 Sample : VY0430SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0430SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
 Supervised By :Mahesh Dadoda 05/05/2025

Quant Time: May 01 01:32:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	289313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	439988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	406945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	218185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130907	48.986	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.980%		
35) Dibromofluoromethane	7.634	113	147653	50.796	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.600%		
50) Toluene-d8	10.103	98	562631	51.341	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.680%		
62) 4-Bromofluorobenzene	12.402	95	187095	50.715	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	49931	20.254	ug/l	99
3) Chloromethane	2.068	50	68325	19.465	ug/l	99
4) Vinyl Chloride	2.202	62	84965	19.697	ug/l	100
5) Bromomethane	2.586	94	72512	19.512	ug/l	94
6) Chloroethane	2.727	64	57263	19.492	ug/l	100
7) Trichlorofluoromethane	3.050	101	116170	20.423	ug/l	97
8) Diethyl Ether	3.452	74	27804	18.780	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	62953	20.402	ug/l	100
10) Methyl Iodide	3.995	142	67087	18.779	ug/l	100
11) Tert butyl alcohol	4.860	59	14050	95.768	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	58062	20.188	ug/l	95
13) Acrolein	3.653	56	22474	85.350	ug/l	98
14) Allyl chloride	4.379	41	63213	18.876	ug/l	98
15) Acrylonitrile	5.055	53	51846	95.658	ug/l	100
16) Acetone	3.873	43	36077	89.420	ug/l	92
17) Carbon Disulfide	4.104	76	180959	19.733	ug/l	99
18) Methyl Acetate	4.385	43	26790	21.461	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	119952	18.634	ug/l	98
20) Methylene Chloride	4.610	84	67948	20.108	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	64406	19.996	ug/l	97
22) Diisopropyl ether	6.019	45	146890	19.710	ug/l	98
23) Vinyl Acetate	5.958	43	371342	92.455	ug/l	99
24) 1,1-Dichloroethane	5.915	63	102207	19.785	ug/l	95
25) 2-Butanone	6.890	43	55654	91.364	ug/l	100
26) 2,2-Dichloropropane	6.884	77	91186	20.140	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	70781	19.653	ug/l	98
28) Bromochloromethane	7.244	49	40106	19.988	ug/l	98
29) Tetrahydrofuran	7.262	42	36921	93.322	ug/l	98
30) Chloroform	7.421	83	115178	20.101	ug/l	98
31) Cyclohexane	7.701	56	83695	18.946	ug/l #	91
32) 1,1,1-Trichloroethane	7.616	97	104622	20.181	ug/l	99
36) 1,1-Dichloropropene	7.829	75	78332	20.062	ug/l	99
37) Ethyl Acetate	6.988	43	27342m	19.497	ug/l	
38) Carbon Tetrachloride	7.817	117	96787	20.744	ug/l	96
39) Methylcyclohexane	9.103	83	93388	19.006	ug/l	94
40) Benzene	8.079	78	250157	20.495	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	15478	20.191	ug/l #	95
42) 1,2-Dichloroethane	8.158	62	61936	20.495	ug/l	99
43) Isopropyl Acetate	8.195	43	51000	18.937	ug/l	98
44) Trichloroethene	8.860	130	69297	20.497	ug/l	93
45) 1,2-Dichloropropane	9.140	63	54935	20.352	ug/l	98
46) Dibromomethane	9.231	93	35003	20.716	ug/l	99
47) Bromodichloromethane	9.420	83	87120	20.639	ug/l	99
48) Methyl methacrylate	9.219	41	23107	18.560	ug/l	95
49) 1,4-Dioxane	9.225	88	7458	414.120	ug/l	93
51) 4-Methyl-2-Pentanone	9.994	43	139092	98.525	ug/l	98
52) Toluene	10.170	92	162291	20.541	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	73102	20.190	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	86456	20.088	ug/l	97
55) 1,1,2-Trichloroethane	10.567	97	46575	20.636	ug/l	96
56) Ethyl methacrylate	10.439	69	47773	18.509	ug/l	98
57) 1,3-Dichloropropane	10.713	76	73864	20.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	124335	98.525	ug/l	99
59) 2-Hexanone	10.762	43	87825	94.317	ug/l	97
60) Dibromochloromethane	10.908	129	63230	20.235	ug/l	98
61) 1,2-Dibromoethane	11.012	107	42794	20.084	ug/l	98
64) Tetrachloroethene	10.646	164	81751	21.295	ug/l	97
65) Chlorobenzene	11.438	112	184325	20.255	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	66577	20.780	ug/l	99
67) Ethyl Benzene	11.518	91	289472	19.445	ug/l	100
68) m/p-Xylenes	11.627	106	238544	40.269	ug/l	99
69) o-Xylene	11.951	106	105935	19.403	ug/l	99
70) Styrene	11.969	104	185895	20.278	ug/l	98
71) Bromoform	12.133	173	37727	20.254	ug/l #	99
73) Isopropylbenzene	12.255	105	280709	19.257	ug/l	100
74) N-amyl acetate	12.066	43	44208	17.652	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	47576	19.358	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	33877m	18.127	ug/l	
77) Bromobenzene	12.530	156	73436	19.937	ug/l	98
78) n-propylbenzene	12.591	91	339221	19.541	ug/l	100
79) 2-Chlorotoluene	12.676	91	200769	19.887	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	239215	19.917	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	14890	19.187	ug/l	97
82) 4-Chlorotoluene	12.774	91	212766	20.274	ug/l	100
83) tert-Butylbenzene	12.993	119	209440	19.443	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	238623	19.863	ug/l	98
85) sec-Butylbenzene	13.176	105	313905	19.915	ug/l	100
86) p-Isopropyltoluene	13.292	119	262861	19.639	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	149261	19.952	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	148377	20.026	ug/l	99
89) n-Butylbenzene	13.615	91	223801	18.707	ug/l	99
90) Hexachloroethane	13.877	117	58123	19.765	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	132919	20.371	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	7198	18.409	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	69519	18.801	ug/l	97
94) Hexachlorobutadiene	15.023	225	46146	20.284	ug/l	98
95) Naphthalene	15.145	128	103951	16.924	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	60230	18.870	ug/l	99

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

