

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020976.D
 Acq On : 30 Jan 2025 09:59
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 31 02:01:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 01:50:40 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	242748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	351741	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	301436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	158250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104261	50.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.900%
35) Dibromofluoromethane	7.640	113	111002	52.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.980%
50) Toluene-d8	10.109	98	437467	53.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.000%
62) 4-Bromofluorobenzene	12.407	95	147541	53.274	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	106.540%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.866	85	100976	48.921	ug/l 100
3) Chloromethane	2.074	50	60600	46.180	ug/l 100
4) Vinyl Chloride	2.208	62	65889	48.697	ug/l 100
5) Bromomethane	2.604	94	43696	47.706	ug/l 100
6) Chloroethane	2.738	64	38153	48.272	ug/l 100
7) Trichlorofluoromethane	3.067	101	156698	47.990	ug/l 100
8) Diethyl Ether	3.464	74	46881	48.093	ug/l 100
9) 1,1,2-Trichlorotrifluo...	3.823	101	105675	48.063	ug/l 100
10) Methyl Iodide	4.012	142	126928	50.448	ug/l 100
11) Tert butyl alcohol	4.878	59	27083	179.387	ug/l 100
12) 1,1-Dichloroethene	3.799	96	100068	48.701	ug/l 100
13) Acrolein	3.659	56	37465	215.493	ug/l 100
14) Allyl chloride	4.390	41	137661	48.665	ug/l 100
15) Acrylonitrile	5.067	53	88731	221.295	ug/l 100
16) Acetone	3.872	43	60052	213.181	ug/l 100
17) Carbon Disulfide	4.110	76	309233	48.864	ug/l 100
18) Methyl Acetate	4.390	43	44470	45.115	ug/l 100
19) Methyl tert-butyl Ether	5.128	73	224190	46.877	ug/l 100
20) Methylene Chloride	4.622	84	95733	46.078	ug/l 100
21) trans-1,2-Dichloroethene	5.128	96	107752	48.912	ug/l 100
22) Diisopropyl ether	6.024	45	278930	48.375	ug/l 100
23) Vinyl Acetate	5.969	43	751996	235.503	ug/l 100
24) 1,1-Dichloroethane	5.921	63	178715	48.044	ug/l 100
25) 2-Butanone	6.902	43	106394	222.638	ug/l 100
26) 2,2-Dichloropropane	6.890	77	174003	47.510	ug/l 100
27) cis-1,2-Dichloroethene	6.896	96	123133	48.628	ug/l 100
28) Bromochloromethane	7.250	49	68712	49.579	ug/l 100
29) Tetrahydrofuran	7.268	42	72462	225.338	ug/l 100
30) Chloroform	7.426	83	193897	48.126	ug/l 100
31) Cyclohexane	7.707	56	171914	47.282	ug/l 100
32) 1,1,1-Trichloroethane	7.622	97	188517	48.348	ug/l 100
36) 1,1-Dichloropropene	7.841	75	147657	48.947	ug/l 100
37) Ethyl Acetate	6.987	43	51059	45.399	ug/l 100
38) Carbon Tetrachloride	7.823	117	181488	48.615	ug/l 100
39) Methylcyclohexane	9.115	83	203531	50.223	ug/l 100
40) Benzene	8.085	78	436358	49.159	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	30135	48.427	ug/l	100
42) 1,2-Dichloroethane	8.164	62	107391	47.705	ug/l	100
43) Isopropyl Acetate	8.201	43	105261	46.849	ug/l	100
44) Trichloroethene	8.871	130	118594	48.419	ug/l	100
45) 1,2-Dichloropropane	9.146	63	97757	49.136	ug/l	100
46) Dibromomethane	9.231	93	54029	46.665	ug/l	100
47) Bromodichloromethane	9.426	83	145662	47.907	ug/l	100
48) Methyl methacrylate	9.225	41	50164	46.895	ug/l	100
49) 1,4-Dioxane	9.237	88	10391	844.599	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	265788	230.215	ug/l	100
52) Toluene	10.176	92	288106	50.003	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	132920	48.309	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	159944	48.637	ug/l	100
55) 1,1,2-Trichloroethane	10.578	97	71477	46.421	ug/l	100
56) Ethyl methacrylate	10.444	69	96317	47.856	ug/l	100
57) 1,3-Dichloropropane	10.719	76	123273	47.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	198627	232.519	ug/l	100
59) 2-Hexanone	10.767	43	173957	231.808	ug/l	100
60) Dibromochloromethane	10.914	129	102983	46.909	ug/l	100
61) 1,2-Dibromoethane	11.017	107	67508	45.903	ug/l	100
64) Tetrachloroethene	10.651	164	109992	48.373	ug/l	100
65) Chlorobenzene	11.444	112	309812	48.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	109221	48.456	ug/l	100
67) Ethyl Benzene	11.523	91	554978	50.470	ug/l	100
68) m/p-Xylenes	11.633	106	426453	100.940	ug/l	100
69) o-Xylene	11.956	106	198860	50.633	ug/l	100
70) Styrene	11.974	104	331638	50.860	ug/l	100
71) Bromoform	12.139	173	62806	47.278	ug/l #	100
73) Isopropylbenzene	12.261	105	539072	48.503	ug/l	100
74) N-amyl acetate	12.078	43	94039	46.466	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	78863	43.958	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	58830m	45.929	ug/l	
77) Bromobenzene	12.535	156	124611	47.290	ug/l	100
78) n-propylbenzene	12.602	91	640579	49.178	ug/l	100
79) 2-Chlorotoluene	12.682	91	360840	48.621	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	447616	49.159	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	27532	45.621	ug/l	100
82) 4-Chlorotoluene	12.779	91	370632	48.796	ug/l	100
83) tert-Butylbenzene	13.005	119	416033	49.263	ug/l	100
84) 1,2,4-Trimethylbenzene	13.047	105	440557	49.531	ug/l	100
85) sec-Butylbenzene	13.181	105	596607	49.899	ug/l	100
86) p-Isopropyltoluene	13.297	119	511794	50.937	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	249509	48.562	ug/l	100
88) 1,4-Dichlorobenzene	13.370	146	245706	48.159	ug/l	100
89) n-Butylbenzene	13.620	91	463450	51.496	ug/l	100
90) Hexachloroethane	13.883	117	100178	49.283	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	213169	47.577	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	12311	44.572	ug/l	100
93) 1,2,4-Trichlorobenzene	14.925	180	134987	49.205	ug/l	100
94) Hexachlorobutadiene	15.029	225	93818	49.377	ug/l	100
95) Naphthalene	15.151	128	212825	43.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	114266	43.744	ug/l	100

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

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