

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021656.D
 Acq On : 27 Mar 2025 10:08
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:13:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	217101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	301382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	145682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	13289	5.650	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.300%#		
35) Dibromofluoromethane	7.634	113	12519	5.506	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.020%#		
50) Toluene-d8	10.109	98	44774	5.177	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.360%#		
62) 4-Bromofluorobenzene	12.408	95	15657	5.352	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.700%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	13065	5.806	ug/l	98
3) Chloromethane	2.074	50	19017	6.010	ug/l	90
4) Vinyl Chloride	2.202	62	21214	5.928	ug/l	93
5) Bromomethane	2.598	94	15395	6.308	ug/l	99
6) Chloroethane	2.733	64	13977	5.969	ug/l	99
7) Trichlorofluoromethane	3.056	101	26311	5.740	ug/l	98
8) Diethyl Ether	3.458	74	7213	5.786	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	14493	5.995	ug/l	98
10) Methyl Iodide	4.007	142	12311	4.642	ug/l	98
11) Tert butyl alcohol	4.860	59	4636	30.344	ug/l #	85
12) 1,1-Dichloroethene	3.793	96	12778	5.611	ug/l	92
13) Acrolein	3.653	56	7499	26.881	ug/l	93
14) Allyl chloride	4.385	41	19469	5.362	ug/l	97
15) Acrylonitrile	5.061	53	14337	27.546	ug/l #	88
16) Acetone	3.873	43	15736	32.687	ug/l	100
17) Carbon Disulfide	4.110	76	42467	5.662	ug/l	99
18) Methyl Acetate	4.391	43	7141	5.985	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	29969	5.286	ug/l	100
20) Methylene Chloride	4.616	84	18885	4.497	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	13763	5.489	ug/l	95
22) Diisopropyl ether	6.019	45	38980	5.118	ug/l	95
23) Vinyl Acetate	5.964	43	111357	24.992	ug/l	98
24) 1,1-Dichloroethane	5.915	63	25578	5.616	ug/l #	94
25) 2-Butanone	6.896	43	19664	28.598	ug/l	96
26) 2,2-Dichloropropane	6.884	77	23073	5.695	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	15197	5.390	ug/l	99
28) Bromochloromethane	7.250	49	11139	5.799	ug/l	99
29) Tetrahydrofuran	7.262	42	11696	26.430	ug/l	99
30) Chloroform	7.421	83	26819	5.662	ug/l	95
31) Cyclohexane	7.707	56	25394	6.117	ug/l #	88
32) 1,1,1-Trichloroethane	7.616	97	25069	5.856	ug/l	97
36) 1,1-Dichloropropene	7.835	75	18659	5.388	ug/l	99
37) Ethyl Acetate	6.988	43	9459	5.788	ug/l #	95
38) Carbon Tetrachloride	7.817	117	22310	5.625	ug/l	95
39) Methylcyclohexane	9.109	83	20781	5.023	ug/l	97
40) Benzene	8.079	78	56287	5.427	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021656.D
 Acq On : 27 Mar 2025 10:08
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:13:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	4688m	5.402	ug/l	
42) 1,2-Dichloroethane	8.158	62	16381	5.603	ug/l	98
43) Isopropyl Acetate	8.195	43	16504	5.329	ug/l	97
44) Trichloroethene	8.866	130	14453	5.470	ug/l	98
45) 1,2-Dichloropropane	9.146	63	13429	5.470	ug/l	99
46) Dibromomethane	9.231	93	7882	5.571	ug/l	97
47) Bromodichloromethane	9.420	83	20008	5.458	ug/l	92
48) Methyl methacrylate	9.219	41	7427	5.225	ug/l	96
49) 1,4-Dioxane	9.231	88	1573	103.789	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	40601	25.191	ug/l	97
52) Toluene	10.176	92	32954	5.093	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	15986	4.909	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	19395	5.049	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	9802	5.384	ug/l	94
56) Ethyl methacrylate	10.438	69	10060	4.327	ug/l	93
57) 1,3-Dichloropropane	10.719	76	16534	5.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	24903	21.959	ug/l	98
59) 2-Hexanone	10.762	43	26991	25.145	ug/l	92
60) Dibromochloromethane	10.914	129	13002	5.231	ug/l	99
61) 1,2-Dibromoethane	11.018	107	9345	5.472	ug/l	100
64) Tetrachloroethene	10.652	164	16085	5.860	ug/l	93
65) Chlorobenzene	11.444	112	37505	5.429	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	13496	5.506	ug/l	97
67) Ethyl Benzene	11.524	91	58750	4.959	ug/l	98
68) m/p-Xylenes	11.633	106	43785	9.652	ug/l	97
69) o-Xylene	11.956	106	20041	4.786	ug/l	98
70) Styrene	11.975	104	32075	4.594	ug/l	99
71) Bromoform	12.133	173	7253	5.187	ug/l #	98
73) Isopropylbenzene	12.255	105	52860	4.885	ug/l	99
74) N-amyl acetate	12.072	43	11835	4.660	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	11133	5.723	ug/l	95
76) 1,2,3-Trichloropropane	12.554	75	7373m	5.106	ug/l	
77) Bromobenzene	12.536	156	13783	5.305	ug/l	97
78) n-propylbenzene	12.597	91	63324	4.868	ug/l	100
79) 2-Chlorotoluene	12.682	91	38107	5.044	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	42499	4.806	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	3023	4.823	ug/l	88
82) 4-Chlorotoluene	12.779	91	40326	5.119	ug/l	100
83) tert-Butylbenzene	12.999	119	37817	4.801	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	40547	4.639	ug/l	99
85) sec-Butylbenzene	13.176	105	55918	4.858	ug/l	100
86) p-Isopropyltoluene	13.292	119	43714	4.595	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	27604	5.393	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	27332	5.405	ug/l	94
89) n-Butylbenzene	13.621	91	42102	4.785	ug/l	96
90) Hexachloroethane	13.883	117	11619	5.573	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	23277	5.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1634	5.419	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	11228	4.647	ug/l	97
94) Hexachlorobutadiene	15.029	225	8276	5.484	ug/l	96
95) Naphthalene	15.151	128	16796	4.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	9518	4.619	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021656.D
Acq On : 27 Mar 2025 10:08
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 02:13:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:08:57 2025
Response via : Initial Calibration

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

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

