

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020325\
 Data File : VW031686.D
 Acq On : 03 Feb 2025 16:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
 Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 07:46:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:53:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	286407	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	207690	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	88802	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	92927	20.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.760%
7) Chloroethane-d5	2.899	69	63295	20.823	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.280%
11) 1,1-Dichloroethene-d2	4.015	65	43379	19.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.920%
21) 2-Butanone-d5	7.088	46	78321	55.330	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.660%
24) Chloroform-d	7.648	84	140424	22.559	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.240%
26) 1,2-Dichloroethane-d4	8.301	65	56705	23.608	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.440%
32) Benzene-d6	8.270	84	306383	21.444	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.760%
36) 1,2-Dichloropropane-d6	9.270	67	74396	21.356	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.440%
41) Toluene-d8	10.319	98	264111	20.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.320%
43) trans-1,3-Dichloroprop...	10.575	79	24153	23.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.960%
47) 2-Hexanone-d5	10.922	63	34258	52.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	61092	24.754	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	60085	20.715	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.880%
Target Compounds						
2) Dichlorodifluoromethane	2.009	85	131924m	32.573	ug/L	
3) Chloromethane	2.216	50	93819	24.300	ug/L	95
5) Vinyl chloride	2.375	62	152512	28.679	ug/L	99
6) Bromomethane	2.783	94	65209	26.989	ug/L	91
8) Chloroethane	2.930	64	71313	27.534	ug/L	96
9) Trichlorofluoromethane	3.259	101	112254	26.972	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	135135	28.811	ug/L	94
12) 1,1-Dichloroethene	4.039	96	121716	26.925	ug/L	93
13) Acetone	4.149	43	71169	62.809	ug/L	97
14) Carbon disulfide	4.387	76	381062	27.658	ug/L	95
15) Methyl Acetate	4.679	43	57448	28.850	ug/L #	100
16) Methylene chloride	4.923	84	78703	26.186	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	117270	26.114	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	102101	26.476	ug/L #	91
19) 1,1-Dichloroethane	6.210	63	185643	26.754	ug/L	99
20) cis-1,2-Dichloroethene	7.161	96	98529	25.444	ug/L	97
22) 2-Butanone	7.179	43	94779	56.205	ug/L	98
23) Bromochloromethane	7.514	128	33546	26.732	ug/L	95
25) Chloroform	7.673	83	162163	26.259	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	80676	27.013	ug/L	98
29) Cyclohexane	7.953	56	271454	28.421	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	174911	26.494	ug/L	99
31) Carbon tetrachloride	8.063	117	171878	27.699	ug/L	100
33) Benzene	8.319	78	422129	25.368	ug/L	100
34) Trichloroethene	9.087	95	122910	25.040	ug/L	97
35) Methylcyclohexane	9.331	83	289322	29.542	ug/L	100
37) 1,2-Dichloropropane	9.361	63	84082	25.094	ug/L	100
38) Bromodichloromethane	9.642	83	88941	25.489	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	108677	26.106	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	124896	56.343	ug/L	100
42) Toluene	10.386	91	432492	24.905	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	80958	26.732	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	52457	26.168	ug/L	95
46) Tetrachloroethene	10.861	164	98943	27.112	ug/L	99
48) 2-Hexanone	10.965	43	97858	58.760	ug/L	99
49) Dibromochloromethane	11.123	129	48089	25.918	ug/L	95
50) 1,2-Dibromoethane	11.233	107	52111	26.912	ug/L #	97
51) Chlorobenzene	11.654	112	228185	24.545	ug/L	93
52) Ethylbenzene	11.727	91	496784	24.804	ug/L	99
53) m,p-Xylene	11.837	106	184910	25.506	ug/L	94
54) o-Xylene	12.160	106	153402	24.837	ug/L	98
55) Styrene	12.178	104	239829	25.163	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	68619	26.350	ug/L	96
59) Bromoform	12.343	173	27091	27.706	ug/L	97
60) Isopropylbenzene	12.458	105	521448	25.422	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	54204	26.758	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	369094	24.474	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	340030	25.098	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	155197	24.907	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	152579	24.839	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	127316	24.969	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15936	28.560	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	98736	22.718	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	77444	24.411	ug/L	98
71) Naphthalene	15.360	128	168303	25.940	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	62482	24.164	ug/L	98

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

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