

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111124\
 Data File : VW030982.D
 Acq On : 11 Nov 2024 09:35
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Quant Time: Nov 12 00:17:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 08 22:04:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	371878	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346216	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	177855	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	111494	18.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.120%
7) Chloroethane-d5	2.899	69	93338	19.954	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	4.021	65	54169	21.524	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.080%
21) 2-Butanone-d5	7.075	46	58977	58.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.520%
24) Chloroform-d	7.648	84	292063	26.641	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.560%
26) 1,2-Dichloroethane-d4	8.301	65	144140	26.444	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.760%
32) Benzene-d6	8.276	84	568979	26.454	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	9.270	67	164305	25.913	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.640%
41) Toluene-d8	10.319	98	504713	26.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.640%
43) trans-1,3-Dichloroprop...	10.575	79	67765	26.367	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.480%
47) 2-Hexanone-d5	10.922	63	52426	63.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132556	30.007	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.040%#
66) 1,2-Dichlorobenzene-d4	13.848	152	167723	25.889	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.560%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.015	85	94707	23.909	ug/L	99
3) Chloromethane	2.222	50	111123	20.819	ug/L	99
5) Vinyl chloride	2.375	62	129700	20.503	ug/L	96
6) Bromomethane	2.789	94	89452	21.537	ug/L	92
8) Chloroethane	2.930	64	81332	21.209	ug/L	97
9) Trichlorofluoromethane	3.265	101	139343	24.137	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	143780	27.054	ug/L	95
12) 1,1-Dichloroethene	4.045	96	130113	27.069	ug/L	93
13) Acetone	4.125	43	70619	57.607	ug/L	97
14) Carbon disulfide	4.393	76	391629	24.784	ug/L	100
15) Methyl Acetate	4.667	43	51864	28.844	ug/L	100
16) Methylene chloride	4.917	84	138010	26.250	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	140997	26.738	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	186908	26.261	ug/L	98
19) 1,1-Dichloroethane	6.216	63	265938	27.026	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	152807	27.315	ug/L	98
22) 2-Butanone	7.173	43	82218	59.890	ug/L	99
23) Bromochloromethane	7.514	128	69178	28.237	ug/L	91
25) Chloroform	7.673	83	280760	27.117	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	167009	25.900	ug/L	97
29) Cyclohexane	7.959	56	212763	25.644	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	225810	25.391	ug/L	98
31) Carbon tetrachloride	8.069	117	211947	26.522	ug/L	99
33) Benzene	8.319	78	605998	27.156	ug/L	100
34) Trichloroethene	9.087	95	158716	25.793	ug/L	96
35) Methylcyclohexane	9.337	83	248574	25.487	ug/L	99
37) 1,2-Dichloropropane	9.361	63	153534	27.530	ug/L	99
38) Bromodichloromethane	9.642	83	196545	26.836	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	230450	27.623	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	147927	58.000	ug/L	99
42) Toluene	10.386	91	649238	27.474	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	189946	27.406	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	114116	28.507	ug/L	98
46) Tetrachloroethene	10.861	164	125075	26.588	ug/L	94
48) 2-Hexanone	10.965	43	118678	61.161	ug/L	96
49) Dibromochloromethane	11.123	129	129891	29.760	ug/L	98
50) 1,2-Dibromoethane	11.233	107	104790	28.386	ug/L #	100
51) Chlorobenzene	11.654	112	412176	27.254	ug/L	96
52) Ethylbenzene	11.727	91	741285	27.763	ug/L	100
53) m,p-Xylene	11.837	106	279863	27.869	ug/L	100
54) o-Xylene	12.160	106	263972	28.568	ug/L	97
55) Styrene	12.178	104	458966	29.071	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	127860	29.268	ug/L	99
59) Bromoform	12.343	173	70284	27.675	ug/L	100
60) Isopropylbenzene	12.458	105	728599	26.856	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	90691	27.198	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	586108	27.439	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	572149	27.504	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	319103	26.787	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	323658	26.465	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	284107	26.760	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	19053	26.989	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	206839	26.166	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	170153	27.108	ug/L	98
71) Naphthalene	15.360	128	305921	30.065	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	155836	28.808	ug/L	94

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

