

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101424\
 Data File : VW030585.D
 Acq On : 14 Oct 2024 11:19
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025519

Quant Time: Oct 15 01:04:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	288121	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	270613	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	136870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	103214	22.790	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.160%
7) Chloroethane-d5	2.899	69	89920	26.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.920%
11) 1,1-Dichloroethene-d2	4.021	65	44669	23.714	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.840%
21) 2-Butanone-d5	7.075	46	49334	60.531	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.060%
24) Chloroform-d	7.648	84	227172	27.570	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.280%
26) 1,2-Dichloroethane-d4	8.301	65	118059	27.554	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	8.270	84	414767	26.408	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.640%
36) 1,2-Dichloropropane-d6	9.270	67	123520	26.794	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.160%
41) Toluene-d8	10.319	98	399985	27.897	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.600%
43) trans-1,3-Dichloroprop...	10.575	79	53376	27.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.600%
47) 2-Hexanone-d5	10.922	63	38824	65.387	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101066	29.852	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	129128	27.883	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	83328	22.637	ug/L	91
3) Chloromethane	2.223	50	103079	24.093	ug/L	98
5) Vinyl chloride	2.375	62	135287	25.713	ug/L	98
6) Bromomethane	2.789	94	95259	27.507	ug/L	98
8) Chloroethane	2.936	64	85677	26.638	ug/L	97
9) Trichlorofluoromethane	3.271	101	112344	23.863	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	106323	25.102	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	100286	25.943	ug/L	94
13) Acetone	4.119	43	55461	46.481	ug/L	96
14) Carbon disulfide	4.387	76	293591	23.258	ug/L	98
15) Methyl Acetate	4.667	43	40762	27.655	ug/L	96
16) Methylene chloride	4.917	84	111686	25.641	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	110781	26.559	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	172566	29.560	ug/L	98
19) 1,1-Dichloroethane	6.216	63	208929	26.950	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	124967	28.088	ug/L	96
22) 2-Butanone	7.167	43	63884	49.669	ug/L	100
23) Bromochloromethane	7.514	128	55101	28.310	ug/L	98
25) Chloroform	7.673	83	224496	27.098	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	146395	26.785	ug/L	99
29) Cyclohexane	7.953	56	164158	24.920	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	179416	24.975	ug/L	100
31) Carbon tetrachloride	8.063	117	163927	25.549	ug/L	97
33) Benzene	8.325	78	468936	26.629	ug/L	100
34) Trichloroethene	9.087	95	123559	25.220	ug/L	94
35) Methylcyclohexane	9.337	83	196015	25.422	ug/L	97
37) 1,2-Dichloropropane	9.368	63	119381	27.143	ug/L	100
38) Bromodichloromethane	9.642	83	159551	27.266	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	183412	27.647	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	121268	57.393	ug/L	99
42) Toluene	10.386	91	513314	27.322	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	156553	28.082	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	89415	28.129	ug/L	99
46) Tetrachloroethene	10.861	164	93000	25.737	ug/L	93
48) 2-Hexanone	10.965	43	93436	54.074	ug/L	98
49) Dibromochloromethane	11.123	129	98369	27.734	ug/L	93
50) 1,2-Dibromoethane	11.233	107	82487	27.810	ug/L	99
51) Chlorobenzene	11.654	112	321309	26.567	ug/L	96
52) Ethylbenzene	11.727	91	589687	27.507	ug/L	97
53) m,p-Xylene	11.837	106	219026	27.271	ug/L	99
54) o-Xylene	12.160	106	209166	28.170	ug/L	92
55) Styrene	12.178	104	360736	28.419	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	100323	27.987	ug/L	96
59) Bromoform	12.349	173	53380	27.759	ug/L	99
60) Isopropylbenzene	12.458	105	580732	27.398	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72520	27.229	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	476972	28.523	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	462022	28.219	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	250893	27.194	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	263035	27.611	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	217349	26.772	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	15142	25.498	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	157495	25.887	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	128901	26.318	ug/L	97
71) Naphthalene	15.360	128	248867	29.410	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	112415	26.475	ug/L	98

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

