

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110524\
 Data File : VW030937.D
 Acq On : 05 Nov 2024 16:53
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025552

Quant Time: Nov 06 00:14:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 06 00:11:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	463055	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	415580	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	214194	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	164982	21.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
7) Chloroethane-d5	2.899	69	135737	23.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	4.021	65	73776	23.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.160%
21) 2-Butanone-d5	7.075	46	74219	59.385	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.780%
24) Chloroform-d	7.648	84	349422	25.597	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	8.307	65	177169	26.103	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	8.276	84	707658	27.410	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.640%
36) 1,2-Dichloropropane-d6	9.276	67	201608	26.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.960%
41) Toluene-d8	10.325	98	632019	27.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.160%
43) trans-1,3-Dichloroprop...	10.575	79	84147	27.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.120%
47) 2-Hexanone-d5	10.922	63	64179	65.065	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	153494	28.947	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	204249	26.178	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79388	16.095	ug/L	96
3) Chloromethane	2.222	50	130798	19.680	ug/L	96
5) Vinyl chloride	2.375	62	156903	19.920	ug/L	98
6) Bromomethane	2.789	94	100471	19.427	ug/L	100
8) Chloroethane	2.930	64	93821	19.648	ug/L	98
9) Trichlorofluoromethane	3.271	101	118387	16.469	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	117003	17.681	ug/L #	86
12) 1,1-Dichloroethene	4.045	96	125906	21.036	ug/L	96
13) Acetone	4.118	43	65562	42.951	ug/L	95
14) Carbon disulfide	4.387	76	415039	21.094	ug/L	100
15) Methyl Acetate	4.673	43	53265	23.790	ug/L	99
16) Methylene chloride	4.923	84	141957	21.685	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	140739	21.434	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	185356	20.915	ug/L	99
19) 1,1-Dichloroethane	6.222	63	262066	21.388	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	156106	22.411	ug/L	98
22) 2-Butanone	7.167	43	82344	48.171	ug/L	99
23) Bromochloromethane	7.514	128	67758	22.212	ug/L	96
25) Chloroform	7.673	83	274137	21.264	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	169815	21.150	ug/L	98
29) Cyclohexane	7.953	56	184322	18.508	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	223975	20.981	ug/L	99
31) Carbon tetrachloride	8.069	117	196725	20.508	ug/L	98
33) Benzene	8.325	78	597002	22.288	ug/L	100
34) Trichloroethene	9.093	95	153152	20.734	ug/L	96
35) Methylcyclohexane	9.337	83	238025	20.332	ug/L	98
37) 1,2-Dichloropropane	9.368	63	147460	22.027	ug/L	98
38) Bromodichloromethane	9.642	83	192041	21.844	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	230540	23.021	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	148597	48.538	ug/L	99
42) Toluene	10.386	91	638272	22.502	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	187582	22.547	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	106098	22.080	ug/L	98
46) Tetrachloroethene	10.861	164	117936	20.886	ug/L	89
48) 2-Hexanone	10.965	43	116353	49.955	ug/L	98
49) Dibromochloromethane	11.123	129	121577	23.206	ug/L	95
50) 1,2-Dibromoethane	11.233	107	102012	23.021	ug/L	93
51) Chlorobenzene	11.654	112	403321	22.217	ug/L	97
52) Ethylbenzene	11.727	91	704212	21.972	ug/L	100
53) m,p-Xylene	11.837	106	268116	22.243	ug/L	98
54) o-Xylene	12.160	106	249923	22.533	ug/L	96
55) Styrene	12.178	104	446238	23.547	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	122520	23.364	ug/L	99
59) Bromoform	12.349	173	67379	22.030	ug/L	100
60) Isopropylbenzene	12.458	105	671974	20.567	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	87181	21.710	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	547789	21.294	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	544464	21.733	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	292643	20.398	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	309834	21.037	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	263862	20.637	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	18527	21.792	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	181493	19.064	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	152781	20.211	ug/L	99
71) Naphthalene	15.360	128	281535	22.974	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	143153	21.974	ug/L	94

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

