

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029867.D
 Acq On : 08 Aug 2024 17:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025572

Quant Time: Aug 09 00:53:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 09 00:48:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	232499	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	209303	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101332	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	49887	15.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.440%
7) Chloroethane-d5	2.899	69	45475	19.298	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	4.027	65	26944	17.883	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.520%
21) 2-Butanone-d5	7.081	46	45091	49.842	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.680%
24) Chloroform-d	7.648	84	150571	25.018	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.080%
26) 1,2-Dichloroethane-d4	8.307	65	84601	24.679	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.720%
32) Benzene-d6	8.276	84	278180	24.598	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	9.276	67	94366	26.133	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.520%
41) Toluene-d8	10.325	98	248882	24.751	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	10.575	79	35463	24.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.080%
47) 2-Hexanone-d5	10.922	63	31243	52.471	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	72914	27.194	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	80111	25.461	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71626	22.855	ug/L	97
3) Chloromethane	2.222	50	88553	22.835	ug/L	100
5) Vinyl chloride	2.375	62	100363	23.097	ug/L	98
6) Bromomethane	2.789	94	57333	24.028	ug/L	93
8) Chloroethane	2.936	64	61210	24.762	ug/L	95
9) Trichlorofluoromethane	3.271	101	85291	24.574	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	79112	22.885	ug/L	97
12) 1,1-Dichloroethene	4.045	96	76466	24.074	ug/L	97
13) Acetone	4.131	43	35412	31.497	ug/L	97
14) Carbon disulfide	4.393	76	239547	22.663	ug/L	99
15) Methyl Acetate	4.673	43	45518	24.307	ug/L	98
16) Methylene chloride	4.917	84	100181	20.611	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	85982	25.121	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	152660	27.062	ug/L	99
19) 1,1-Dichloroethane	6.216	63	188020	26.046	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	97860	26.358	ug/L	99
22) 2-Butanone	7.173	43	55935	38.829	ug/L	96
23) Bromochloromethane	7.514	128	41538	26.353	ug/L	86
25) Chloroform	7.679	83	179885	26.449	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127542	25.732	ug/L	99
29) Cyclohexane	7.959	56	144575	24.306	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	138153	26.065	ug/L	98
31) Carbon tetrachloride	8.075	117	119267	24.972	ug/L	96
33) Benzene	8.325	78	386186	26.929	ug/L	100
34) Trichloroethene	9.093	95	97338	25.892	ug/L	94
35) Methylcyclohexane	9.337	83	157019	25.065	ug/L	99
37) 1,2-Dichloropropane	9.367	63	106941	27.212	ug/L	99
38) Bromodichloromethane	9.648	83	125877	26.897	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	150648	26.322	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	125891	50.432	ug/L	98
42) Toluene	10.386	91	402396	27.489	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	125263	26.364	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	69986	26.508	ug/L	97
46) Tetrachloroethene	10.861	164	67982	24.880	ug/L	92
48) 2-Hexanone	10.965	43	86444	46.237	ug/L	98
49) Dibromochloromethane	11.129	129	77318	28.210	ug/L	98
50) 1,2-Dibromoethane	11.233	107	64348	26.342	ug/L	97
51) Chlorobenzene	11.654	112	245497	26.962	ug/L	96
52) Ethylbenzene	11.727	91	450431	27.279	ug/L	98
53) m,p-Xylene	11.837	106	164944	27.162	ug/L	91
54) o-Xylene	12.166	106	158599	28.361	ug/L	93
55) Styrene	12.178	104	274142	28.281	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	83005	25.615	ug/L	95
59) Bromoform	12.343	173	41609	27.289	ug/L	98
60) Isopropylbenzene	12.458	105	438228	27.948	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	61329	24.885	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	361207	30.991	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	351980	28.238	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	176454	26.375	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	179600	26.135	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	163586	26.858	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	13250	23.678	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	117729	25.720	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	103927	26.951	ug/L	92
71) Naphthalene	15.360	128	201189	27.343	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88779	25.436	ug/L	95

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

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