

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027949.D
 Acq On : 05 Feb 2024 12:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025595

Quant Time: Feb 06 04:02:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 03:57:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	313487	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	285438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151848	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	81962	22.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
7) Chloroethane-d5	2.899	69	65076	23.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.480%
11) 1,1-Dichloroethene-d2	4.021	65	35229	22.424	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.680%
21) 2-Butanone-d5	7.081	46	34878	61.136	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.280%
24) Chloroform-d	7.648	84	172719	23.563	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	8.307	65	83790	25.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.240%
32) Benzene-d6	8.276	84	359436	23.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.160%
36) 1,2-Dichloropropane-d6	9.270	67	97632	23.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.319	98	352097	24.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	10.575	79	44087	25.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.560%
47) 2-Hexanone-d5	10.922	63	34751	61.700	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.400%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85933	27.766	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.080%
66) 1,2-Dichlorobenzene-d4	13.849	152	124093	24.044	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	63165	23.398	ug/L	96
3) Chloromethane	2.223	50	68387	23.067	ug/L	98
5) Vinyl chloride	2.375	62	92014	22.898	ug/L	100
6) Bromomethane	2.790	94	66892	23.559	ug/L	96
8) Chloroethane	2.936	64	54521	24.014	ug/L	92
9) Trichlorofluoromethane	3.265	101	83051	22.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	83281	22.624	ug/L	96
12) 1,1-Dichloroethene	4.045	96	81786	23.884	ug/L	97
13) Acetone	4.143	43	32568	58.708	ug/L	97
14) Carbon disulfide	4.393	76	224877	22.182	ug/L	97
15) Methyl Acetate	4.673	43	27701	29.995	ug/L	98
16) Methylene chloride	4.923	84	87851	22.421	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	86460	23.500	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	122003	27.973	ug/L	99
19) 1,1-Dichloroethane	6.216	63	147733	24.718	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	98451	25.341	ug/L	99
22) 2-Butanone	7.173	43	40022	62.499	ug/L	98
23) Bromochloromethane	7.520	128	44594	25.841	ug/L	90
25) Chloroform	7.673	83	162855	25.347	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	95436	26.673	ug/L	96
29) Cyclohexane	7.959	56	120600	23.705	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	132818	24.104	ug/L	99
31) Carbon tetrachloride	8.069	117	122070	23.947	ug/L	99
33) Benzene	8.325	78	349623	24.524	ug/L	100
34) Trichloroethene	9.093	95	96042	23.467	ug/L	98
35) Methylcyclohexane	9.337	83	157873	23.442	ug/L	98
37) 1,2-Dichloropropane	9.368	63	84894	25.341	ug/L	100
38) Bromodichloromethane	9.642	83	115295	25.783	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	139886	26.051	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	80433	63.611	ug/L	98
42) Toluene	10.386	91	397149	24.846	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	116310	27.291	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	72712	27.421	ug/L	97
46) Tetrachloroethene	10.861	164	83882	24.358	ug/L	93
48) 2-Hexanone	10.965	43	59037	61.642	ug/L	96
49) Dibromochloromethane	11.123	129	82091	27.155	ug/L	97
50) 1,2-Dibromoethane	11.233	107	69207	27.961	ug/L	97
51) Chlorobenzene	11.654	112	259146	24.375	ug/L	98
52) Ethylbenzene	11.727	91	437310	24.265	ug/L	95
53) m,p-Xylene	11.837	106	178053	25.192	ug/L	96
54) o-Xylene	12.160	106	168989	25.493	ug/L	92
55) Styrene	12.178	104	292584	26.499	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	82191	28.945	ug/L	91
59) Bromoform	12.349	173	49941	27.865	ug/L	100
60) Isopropylbenzene	12.459	105	457280	24.118	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	57166	28.209	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	373799	24.637	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	377146	25.403	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	213411	24.503	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	225420	25.455	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	193527	25.157	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12423	30.876	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	153970	24.619	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	129029	25.548	ug/L	98
71) Naphthalene	15.360	128	233882	29.801	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	116860	27.733	ug/L	97

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

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