

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020924\
 Data File : VW027984.D
 Acq On : 09 Feb 2024 16:03
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Feb 09 22:32:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 09 22:30:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	289900	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	266342	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	141380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	71316	21.004	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.899	69	62431	24.242	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.960%
11) 1,1-Dichloroethene-d2	4.027	65	31006	21.342	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.360%
21) 2-Butanone-d5	7.081	46	34868	66.091	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.180%
24) Chloroform-d	7.648	84	169288	24.974	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	8.307	65	81111	26.494	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.960%
32) Benzene-d6	8.270	84	329295	23.108	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.440%
36) 1,2-Dichloropropane-d6	9.270	67	92547	23.953	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.800%
41) Toluene-d8	10.319	98	324092	23.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.080%
43) trans-1,3-Dichloroprop...	10.575	79	41759	26.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.120%
47) 2-Hexanone-d5	10.922	63	36676	69.787	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.580%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87032	30.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.560%#
66) 1,2-Dichlorobenzene-d4	13.848	152	120473	25.070	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	60599	24.274	ug/L	92
3) Chloromethane	2.222	50	62648	22.850	ug/L	100
5) Vinyl chloride	2.375	62	81373	21.898	ug/L	98
6) Bromomethane	2.789	94	62177	23.680	ug/L	97
8) Chloroethane	2.930	64	53882	25.663	ug/L	95
9) Trichlorofluoromethane	3.265	101	65772	19.475	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	73408	21.565	ug/L	92
12) 1,1-Dichloroethene	4.051	96	75761	23.925	ug/L	98
13) Acetone	4.131	43	29809	58.106	ug/L	94
14) Carbon disulfide	4.399	76	192664	20.551	ug/L	99
15) Methyl Acetate	4.673	43	27828	32.584	ug/L	100
16) Methylene chloride	4.923	84	88094	24.312	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	81749	24.028	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	114059	28.279	ug/L	100
19) 1,1-Dichloroethane	6.210	63	141337	25.572	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	95257	26.514	ug/L	98
22) 2-Butanone	7.173	43	41074	69.360	ug/L	98
23) Bromochloromethane	7.514	128	43893	27.504	ug/L	89
25) Chloroform	7.679	83	158424	26.663	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	95824	28.960	ug/L	96
29) Cyclohexane	7.959	56	111799	23.550	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	123080	23.939	ug/L	99
31) Carbon tetrachloride	8.069	117	115947	24.376	ug/L	100
33) Benzene	8.319	78	335551	25.224	ug/L	100
34) Trichloroethene	9.093	95	92571	24.240	ug/L	93
35) Methylcyclohexane	9.331	83	148722	23.666	ug/L	99
37) 1,2-Dichloropropane	9.368	63	81727	26.144	ug/L	100
38) Bromodichloromethane	9.642	83	113261	27.144	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	136793	27.302	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	82442	69.874	ug/L	99
42) Toluene	10.386	91	373967	25.073	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	112408	28.266	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	70708	28.577	ug/L	94
46) Tetrachloroethene	10.861	164	77792	24.209	ug/L	94
48) 2-Hexanone	10.965	43	61868	69.229	ug/L	99
49) Dibromochloromethane	11.123	129	78734	27.912	ug/L	90
50) 1,2-Dibromoethane	11.227	107	66616	28.844	ug/L	87
51) Chlorobenzene	11.654	112	252706	25.474	ug/L	100
52) Ethylbenzene	11.727	91	430143	25.579	ug/L	93
53) m,p-Xylene	11.837	106	164015	24.869	ug/L	95
54) o-Xylene	12.160	106	163857	26.491	ug/L	93
55) Styrene	12.178	104	284121	27.578	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	83250	31.420	ug/L	90
59) Bromoform	12.343	173	46947	28.134	ug/L	92
60) Isopropylbenzene	12.458	105	442554	25.070	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	56938	30.177	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	363840	25.756	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	362929	26.255	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	214921	26.503	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	209440	25.402	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	192538	26.882	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	12412	33.133	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	158503	27.220	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	132394	28.155	ug/L	98
71) Naphthalene	15.360	128	236078	32.308	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	111760	28.487	ug/L	97

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

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