

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060324\
 Data File : VW028980.D
 Acq On : 03 Jun 2024 21:53
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025488

Quant Time: Jun 04 02:23:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 04 02:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	327931	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	305616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147299	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	115156	22.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.400%
7) Chloroethane-d5	2.899	69	90337	22.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	4.021	65	48948	21.377	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.520%
21) 2-Butanone-d5	7.075	46	58772	55.216	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.440%
24) Chloroform-d	7.648	84	220720	23.592	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	8.306	65	122639	24.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	8.276	84	441824	23.554	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	9.276	67	135156	23.764	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	10.318	98	392389	23.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.760%
43) trans-1,3-Dichloroprop...	10.574	79	51862	23.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.920%
47) 2-Hexanone-d5	10.922	63	41586	55.409	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102125	25.848	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	126855	24.269	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	61887	16.527	ug/L	92
3) Chloromethane	2.222	50	91176	19.930	ug/L	99
5) Vinyl chloride	2.375	62	105651	19.079	ug/L	100
6) Bromomethane	2.789	94	65588	19.768	ug/L	98
8) Chloroethane	2.936	64	66907	20.006	ug/L	98
9) Trichlorofluoromethane	3.265	101	80744	17.541	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	88900	19.573	ug/L	96
12) 1,1-Dichloroethene	4.045	96	83563	20.159	ug/L	91
13) Acetone	4.118	43	40360	36.183	ug/L	99
14) Carbon disulfide	4.393	76	276968	19.736	ug/L	99
15) Methyl Acetate	4.673	43	49199	26.556	ug/L	98
16) Methylene chloride	4.917	84	115866	23.542	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	94341	20.875	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	146462	23.240	ug/L	99
19) 1,1-Dichloroethane	6.215	63	189641	21.343	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	104163	21.984	ug/L	94
22) 2-Butanone	7.166	43	60069	44.690	ug/L	96
23) Bromochloromethane	7.514	128	46456	22.462	ug/L	93
25) Chloroform	7.679	83	188457	21.838	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135170	23.373	ug/L	100
29) Cyclohexane	7.959	56	159289	20.963	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	143710	20.295	ug/L	99
31) Carbon tetrachloride	8.069	117	129212	20.033	ug/L	97
33) Benzene	8.325	78	417067	21.947	ug/L	100
34) Trichloroethene	9.093	95	105599	21.137	ug/L	95
35) Methylcyclohexane	9.337	83	178435	21.054	ug/L	99
37) 1,2-Dichloropropane	9.367	63	111867	22.480	ug/L	100
38) Bromodichloromethane	9.642	83	132995	21.913	ug/L	94
39) cis-1,3-Dichloropropene	10.068	75	161315	22.306	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	133997	52.939	ug/L	98
42) Toluene	10.385	91	429634	22.131	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	132245	22.682	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	76976	22.904	ug/L	96
46) Tetrachloroethene	10.861	164	79526	20.952	ug/L	85
48) 2-Hexanone	10.965	43	94603	49.850	ug/L	98
49) Dibromochloromethane	11.123	129	81880	23.066	ug/L	96
50) 1,2-Dibromoethane	11.233	107	71107	23.177	ug/L	98
51) Chlorobenzene	11.653	112	268658	21.543	ug/L	97
52) Ethylbenzene	11.727	91	486393	22.052	ug/L	96
53) m,p-Xylene	11.836	106	182868	22.384	ug/L	93
54) o-Xylene	12.166	106	171514	22.673	ug/L	98
55) Styrene	12.178	104	306943	23.535	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	91430	24.099	ug/L	96
59) Bromoform	12.348	173	44852	23.680	ug/L	100
60) Isopropylbenzene	12.458	105	470824	22.585	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68586	24.685	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	352235	23.232	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	375210	23.416	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	203366	22.701	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	207928	22.223	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	185197	23.065	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14286	24.123	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	135881	22.091	ug/L	95
70) 1,2,4-trichlorobenzene	15.128	180	110803	22.226	ug/L	98
71) Naphthalene	15.360	128	213650	25.154	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98845	23.207	ug/L	97

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

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