

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021320\
 Data File : VW014985.D
 Acq On : 13 Feb 2020 17:22
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025308

Quant Time: Feb 14 05:38:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 14 04:50:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	740657	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	677377	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	308446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	349640	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.76%
7) Chloroethane-d5	2.89	69	273367	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	4.03	63	642094	24.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.00%
21) 2-Butanone-d5	7.07	46	196445	47.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.50%
24) Chloroform-d	7.65	84	579411	24.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	8.31	65	341519	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.88%
32) Benzene-d6	8.27	84	1163907	25.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	9.27	67	395269	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	10.32	98	1019952	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.96%
43) trans-1,3-Dichloropropene-	10.57	79	151198	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.40%
47) 2-Hexanone-d5	10.92	63	146225	52.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.74%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	292381	24.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.84%
66) 1,2-Dichlorobenzene-d4	13.85	152	287013	24.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	161880	22.001	ug/L	95
3) Chloromethane	2.21	50	303540	21.936	ug/L	100
5) Vinyl chloride	2.37	62	408862	22.954	ug/L	98
6) Bromomethane	2.78	94	185859	23.003	ug/L	96
8) Chloroethane	2.92	64	228479	23.976	ug/L	98
9) Trichlorofluoromethane	3.25	101	155370	22.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	278479	24.195	ug/L	98
12) 1,1-Dichloroethene	4.04	96	270928	24.545	ug/L	96
13) Acetone	4.12	43	205982	47.464	ug/L	98
14) Carbon disulfide	4.39	76	957948	24.007	ug/L	99
15) Methyl Acetate	4.67	43	185331	24.612	ug/L	99
16) Methylene chloride	4.92	84	346034	25.285	ug/L	96
17) trans-1,2-Dichloroethene	5.42	96	280958	25.226	ug/L	99
18) Methyl tert-butyl Ether	5.43	73	362118	26.342	ug/L	99
19) 1,1-Dichloroethane	6.21	63	625747	25.153	ug/L	97
20) cis-1,2-Dichloroethene	7.17	96	299323	26.076	ug/L	96
22) 2-Butanone	7.17	43	269302	51.620	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	116068	24.928	ug/L	98
25) Chloroform	7.67	83	557020	25.128	ug/L	99
27) 1,2-Dichloroethane	8.40	62	409039	25.109	ug/L	99
29) Cyclohexane	7.95	56	608055	27.530	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	424961	25.791	ug/L	100
31) Carbon tetrachloride	8.07	117	378107	25.458	ug/L	99
33) Benzene	8.32	78	1308155	26.303	ug/L	100
34) Trichloroethene	9.09	95	304253	25.544	ug/L	97
35) Methylcyclohexane	9.34	83	573944	27.937	ug/L	99
37) 1,2-Dichloropropane	9.37	63	364628	26.251	ug/L	100
38) Bromodichloromethane	9.64	83	405273	25.910	ug/L	99
39) cis-1,3-Dichloropropene	10.07	75	496503	26.717	ug/L	100
40) 4-Methyl-2-pentanone	10.21	43	523980	52.986	ug/L	100
42) Toluene	10.38	91	1325788	27.589	ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	407985	26.464	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	218631	25.947	ug/L	98
46) Tetrachloroethene	10.86	164	200302	25.896	ug/L	95
48) 2-Hexanone	10.96	43	390129	54.145	ug/L	98
49) Dibromochloromethane	11.13	129	229634	26.156	ug/L	99
50) 1,2-Dibromoethane	11.23	107	195612	25.751	ug/L	99
51) Chlorobenzene	11.65	112	740854	26.135	ug/L	98
52) Ethylbenzene	11.73	91	1443431	27.576	ug/L	98
53) m,p-Xylene	11.83	106	518704	28.242	ug/L	100
54) o-Xylene	12.16	106	486694	28.219	ug/L	96
55) Styrene	12.18	104	849885	28.585	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.71	83	291178	25.826	ug/L	100
59) Bromoform	12.35	173	115283	24.445	ug/L	99
60) Isopropylbenzene	12.46	105	1331657	27.579	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	222699	24.636	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	1095315	28.450	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	1076110	28.571	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	522632	26.256	ug/L	98
65) 1,4-Dichlorobenzene	13.57	146	521755	25.429	ug/L	99
67) 1,2-Dichlorobenzene	13.87	146	481524	26.144	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.48	75	47774	25.273	ug/L	93
69) 1,3,5-Trichlorobenzene	14.63	180	360634	27.036	ug/L	98
70) 1,2,4-trichlorobenzene	15.13	180	275241	27.527	ug/L	100
71) Naphthalene	15.36	128	271182	26.409	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	259476	28.004	ug/L	99

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

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