

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021420\
 Data File : VW014997.D
 Acq On : 14 Feb 2020 15:55
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025310

Manual Integrations
 APPROVED

MMDadoda
 2/17/2020 3:46:42 PM

Quant Time: Feb 15 03:37:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Feb 15 01:59:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	694637	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	637837	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	289782	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	337408	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.48%
7) Chloroethane-d5	2.89	69	263547	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
11) 1,1-Dichloroethene-d2	4.03	63	618576	24.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.60%
21) 2-Butanone-d5	7.07	46	182936	46.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.84%
24) Chloroform-d	7.65	84	541469	24.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.08%
26) 1,2-Dichloroethane-d4	8.30	65	315920	24.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.56%
32) Benzene-d6	8.27	84	1069705	24.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.56%
36) 1,2-Dichloropropane-d6	9.27	67	356457	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
41) Toluene-d8	10.32	98	936643	25.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.32%
43) trans-1,3-Dichloropropene-	10.57	79	138070	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.36%
47) 2-Hexanone-d5	10.92	63	132677	50.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.92%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	261539	23.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.84%
66) 1,2-Dichlorobenzene-d4	13.85	152	260252	23.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	158473m	22.965	ug/L	
3) Chloromethane	2.21	50	304922	23.496	ug/L	99
5) Vinyl chloride	2.37	62	430183	25.751	ug/L	98
6) Bromomethane	2.78	94	191841	25.317	ug/L	100
8) Chloroethane	2.93	64	236462	26.458	ug/L	97
9) Trichlorofluoromethane	3.26	101	177315	26.876	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	285434	26.443	ug/L	99
12) 1,1-Dichloroethene	4.04	96	271614	26.238	ug/L	99
13) Acetone	4.12	43	213064	52.349	ug/L	98
14) Carbon disulfide	4.39	76	964237	25.766	ug/L	99
15) Methyl Acetate	4.67	43	186390	26.392	ug/L	99
16) Methylene chloride	4.92	84	323615	25.213	ug/L	95
17) trans-1,2-Dichloroethene	5.42	96	282344	27.030	ug/L	97
18) Methyl tert-butyl Ether	5.42	73	364846	28.299	ug/L	99
19) 1,1-Dichloroethane	6.21	63	620326	26.587	ug/L	98
20) cis-1,2-Dichloroethene	7.17	96	293123	27.228	ug/L	99
22) 2-Butanone	7.17	43	265108	54.183	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	115697	26.495	ug/L	98
25) Chloroform	7.67	83	551288	26.517	ug/L	97
27) 1,2-Dichloroethane	8.40	62	405333	26.530	ug/L	99
29) Cyclohexane	7.96	56	607169	29.194	ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	422413	27.226	ug/L	99
31) Carbon tetrachloride	8.07	117	381707	27.294	ug/L	100
33) Benzene	8.32	78	1291282	27.574	ug/L	100
34) Trichloroethene	9.09	95	298804	26.641	ug/L	97
35) Methylcyclohexane	9.34	83	561239	29.013	ug/L	99
37) 1,2-Dichloropropane	9.37	63	357801	27.356	ug/L	100
38) Bromodichloromethane	9.64	83	397295	26.975	ug/L	99
39) cis-1,3-Dichloropropene	10.07	75	486541	27.804	ug/L	100
40) 4-Methyl-2-pentanone	10.21	43	518529	55.685	ug/L	99
42) Toluene	10.38	91	1296474	28.651	ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	403584	27.801	ug/L	98
45) 1,1,2-Trichloroethane	10.78	97	212678	26.805	ug/L	98
46) Tetrachloroethene	10.86	164	193774	26.605	ug/L	98
48) 2-Hexanone	10.96	43	395580	58.305	ug/L	98
49) Dibromochloromethane	11.13	129	221664	26.813	ug/L	95
50) 1,2-Dibromoethane	11.23	107	190919	26.692	ug/L	98
51) Chlorobenzene	11.66	112	722318	27.061	ug/L	100
52) Ethylbenzene	11.73	91	1421372	28.838	ug/L	100
53) m,p-Xylene	11.83	106	502699	29.067	ug/L	98
54) o-Xylene	12.16	106	471888	29.057	ug/L	92
55) Styrene	12.18	104	826569	29.524	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	283138	26.670	ug/L	98
59) Bromoform	12.35	173	111406	25.144	ug/L	98
60) Isopropylbenzene	12.46	105	1295526	28.559	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	218806	25.765	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	1070945	29.609	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	1053096	29.761	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	504144	26.958	ug/L	97
65) 1,4-Dichlorobenzene	13.58	146	505807	26.240	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	459131	26.534	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.48	75	45020	25.350	ug/L	98
69) 1,3,5-Trichlorobenzene	14.63	180	342743	27.350	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	262936	27.990	ug/L	100
71) Naphthalene	15.36	128	251414	26.061	ug/L	98
72) 1,2,3-Trichlorobenzene	15.55	180	245543	28.207	ug/L	99

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

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