

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010521\
 Data File : VW017793.D
 Acq On : 05 Jan 2021 14:28
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025111

Quant Time: Jan 06 00:37:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 06 00:35:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	254521	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236078	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	125687	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101366	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
7) Chloroethane-d5	2.89	69	85123	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.56%
11) 1,1-Dichloroethene-d2	4.03	63	181508	24.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.72%
21) 2-Butanone-d5	7.07	46	56105	51.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.68%
24) Chloroform-d	7.65	84	180534	25.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	8.31	65	107462	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.76%
32) Benzene-d6	8.27	84	342317	25.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.08%
36) 1,2-Dichloropropane-d6	9.27	67	100768	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.00%
41) Toluene-d8	10.32	98	333546	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	10.58	79	47851	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.80%
47) 2-Hexanone-d5	10.93	63	39956	54.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.30%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	102353	27.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.12%
66) 1,2-Dichlorobenzene-d4	13.85	152	115623	24.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	65701	21.421	ug/L 90
3) Chloromethane	2.21	50	62398	23.388	ug/L 96
5) Vinyl chloride	2.37	62	116901	26.574	ug/L 97
6) Bromomethane	2.78	94	87794	22.554	ug/L 98
8) Chloroethane	2.93	64	76392	26.260	ug/L 99
9) Trichlorofluoromethane	3.26	101	83766	28.002	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	93090	27.151	ug/L 99
12) 1,1-Dichloroethene	4.05	96	87810	27.006	ug/L 90
13) Acetone	4.12	43	40420	54.491	ug/L 93
14) Carbon disulfide	4.39	76	261136	28.015	ug/L 100
15) Methyl Acetate	4.67	43	48964	30.557	ug/L 99
16) Methylene chloride	4.92	84	94347	22.994	ug/L 99
17) trans-1,2-Dichloroethene	5.43	96	94552	27.137	ug/L 98
18) Methyl tert-butyl Ether	5.43	73	128761	29.008	ug/L 100
19) 1,1-Dichloroethane	6.22	63	169787	27.505	ug/L 99
20) cis-1,2-Dichloroethene	7.17	96	103059	27.642	ug/L 100
22) 2-Butanone	7.17	43	64839	52.604	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	46435	27.216	ug/L	96
25) Chloroform	7.68	83	179381	27.396	ug/L	100
27) 1,2-Dichloroethane	8.40	62	130255	27.857	ug/L	99
29) Cyclohexane	7.96	56	157138	28.361	ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	150525	27.730	ug/L	99
31) Carbon tetrachloride	8.07	117	140150	27.487	ug/L	100
33) Benzene	8.32	78	390156	28.301	ug/L	100
34) Trichloroethene	9.09	95	104820	27.840	ug/L	93
35) Methylcyclohexane	9.34	83	184441	28.609	ug/L	99
37) 1,2-Dichloropropane	9.37	63	94381	28.285	ug/L	100
38) Bromodichloromethane	9.65	83	136069	28.871	ug/L	95
39) cis-1,3-Dichloropropene	10.07	75	156504	29.377	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	136324	57.558	ug/L	99
42) Toluene	10.39	91	437081	27.993	ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	142490	29.332	ug/L	98
45) 1,1,2-Trichloroethane	10.79	97	80248	28.652	ug/L	99
46) Tetrachloroethene	10.87	164	79448	27.537	ug/L	91
48) 2-Hexanone	10.97	43	96950	58.429	ug/L	95
49) Dibromochloromethane	11.13	129	93852	29.200	ug/L	98
50) 1,2-Dibromoethane	11.24	107	79819	28.843	ug/L	96
51) Chlorobenzene	11.66	112	274225	27.679	ug/L	98
52) Ethylbenzene	11.73	91	501213	28.108	ug/L	99
53) m,p-Xylene	11.84	106	190762	27.651	ug/L	98
54) o-Xylene	12.16	106	180838	27.773	ug/L	98
55) Styrene	12.18	104	318066	28.550	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.71	83	107356	29.480	ug/L	99
59) Bromoform	12.35	173	51709	27.485	ug/L	97
60) Isopropylbenzene	12.46	105	504029	27.476	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	79314	28.721	ug/L	98
62) 1,3,5-Trimethylbenzene	12.94	105	416411	28.534	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	425583	28.656	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	214039	27.027	ug/L	94
65) 1,4-Dichlorobenzene	13.58	146	217280	27.620	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	201028	28.288	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.48	75	18613	28.166	ug/L	96
69) 1,3,5-Trichlorobenzene	14.63	180	143897	26.856	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	125743	27.105	ug/L	98
71) Naphthalene	15.36	128	306660	28.686	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	114070	27.975	ug/L	97

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

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