

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010521\
 Data File : VW017790.D
 Acq On : 05 Jan 2021 10:22
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025110

Quant Time: Jan 06 00:28:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 04 17:35:03 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314790	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284812	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	149008	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116035	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
7) Chloroethane-d5	2.89	69	96794	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.24%
11) 1,1-Dichloroethene-d2	4.02	63	209473	23.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.04%
21) 2-Butanone-d5	7.07	46	47853	35.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.82%
24) Chloroform-d	7.65	84	208064	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.31	65	115031	22.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.96%
32) Benzene-d6	8.27	84	397590	24.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	9.27	67	114274	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
41) Toluene-d8	10.32	98	376562	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.12%
43) trans-1,3-Dichloropropene-	10.58	79	53273	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
47) 2-Hexanone-d5	10.92	63	35324	40.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.08%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	98267	21.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.04%
66) 1,2-Dichlorobenzene-d4	13.85	152	127144	23.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	84216	22.201	ug/L 94
3) Chloromethane	2.21	50	76074	23.054	ug/L 100
5) Vinyl chloride	2.37	62	133518	24.541	ug/L 100
6) Bromomethane	2.78	94	100864	20.950	ug/L 98
8) Chloroethane	2.92	64	87769	24.395	ug/L 98
9) Trichlorofluoromethane	3.26	101	99789	26.972	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	106058	25.011	ug/L 99
12) 1,1-Dichloroethene	4.04	96	102479	25.483	ug/L 92
13) Acetone	4.12	43	35404	38.591	ug/L 95
14) Carbon disulfide	4.39	76	300447	26.061	ug/L 99
15) Methyl Acetate	4.66	43	43833	22.118	ug/L 100
16) Methylene chloride	4.92	84	106366	20.960	ug/L 99
17) trans-1,2-Dichloroethene	5.43	96	110863	25.726	ug/L 95
18) Methyl tert-butyl Ether	5.42	73	135611	24.702	ug/L 99
19) 1,1-Dichloroethane	6.21	63	197608	25.883	ug/L 96
20) cis-1,2-Dichloroethene	7.17	96	118955	25.797	ug/L 99
22) 2-Butanone	7.17	43	57498	37.717	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	52228	24.751	ug/L	96
25) Chloroform	7.67	83	209315	25.847	ug/L	99
27) 1,2-Dichloroethane	8.40	62	144664	25.015	ug/L	99
29) Cyclohexane	7.95	56	181261	27.117	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	175731	26.834	ug/L	100
31) Carbon tetrachloride	8.07	117	167638	27.253	ug/L	99
33) Benzene	8.32	78	451594	27.152	ug/L	100
34) Trichloroethene	9.09	95	123030	27.086	ug/L	94
35) Methylcyclohexane	9.34	83	218772	28.128	ug/L	99
37) 1,2-Dichloropropane	9.37	63	109249	27.138	ug/L	99
38) Bromodichloromethane	9.65	83	153836	27.056	ug/L	96
39) cis-1,3-Dichloropropene	10.07	75	180061	28.016	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	124357	43.521	ug/L	100
42) Toluene	10.38	91	507731	26.953	ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	155328	26.503	ug/L	98
45) 1,1,2-Trichloroethane	10.79	97	84886	25.122	ug/L	97
46) Tetrachloroethene	10.87	164	91036	26.154	ug/L	86
48) 2-Hexanone	10.97	43	84696	42.309	ug/L	99
49) Dibromochloromethane	11.13	129	99866	25.755	ug/L	92
50) 1,2-Dibromoethane	11.24	107	81947	24.545	ug/L	97
51) Chlorobenzene	11.66	112	316932	26.516	ug/L	99
52) Ethylbenzene	11.73	91	584080	27.150	ug/L	98
53) m,p-Xylene	11.84	106	227574	27.343	ug/L	98
54) o-Xylene	12.16	106	210539	26.802	ug/L	99
55) Styrene	12.18	104	367005	27.306	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.71	83	102167	23.255	ug/L	97
59) Bromoform	12.35	173	53532	24.000	ug/L	98
60) Isopropylbenzene	12.46	105	601950	27.678	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	77048	23.534	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	484058	27.978	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	481316	27.336	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	251322	26.768	ug/L	99
65) 1,4-Dichlorobenzene	13.58	146	242821	26.036	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	223214	26.494	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.49	75	17022	21.727	ug/L	91
69) 1,3,5-Trichlorobenzene	14.63	180	168277	26.491	ug/L	100
70) 1,2,4-trichlorobenzene	15.13	180	140457	25.538	ug/L	98
71) Naphthalene	15.36	128	292857	23.107	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	119093	24.636	ug/L	98

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

