

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092220\
 Data File : VW016602.D
 Acq On : 21 Sep 2020 18:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025110

Quant Time: Sep 22 03:01:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 22 02:54:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	535138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	481185	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	249532	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	144672	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
7) Chloroethane-d5	2.90	69	116756	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.16%
11) 1,1-Dichloroethene-d2	4.03	63	299216	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.88%
21) 2-Butanone-d5	7.09	46	76040	56.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.50%
24) Chloroform-d	7.65	84	306680	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.31	65	160108	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.48%
32) Benzene-d6	8.28	84	570432	23.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.84%
36) 1,2-Dichloropropane-d6	9.28	67	161385	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
41) Toluene-d8	10.33	98	547749	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	10.58	79	79569	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.08%
47) 2-Hexanone-d5	10.93	63	59904	56.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.64%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	141620	26.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.68%
66) 1,2-Dichlorobenzene-d4	13.86	152	215226	23.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.28%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	161914	25.093	ug/L 90
3) Chloromethane	2.23	50	130268	25.475	ug/L 97
5) Vinyl chloride	2.38	62	194741	26.567	ug/L 98
6) Bromomethane	2.79	94	144857	25.724	ug/L 96
8) Chloroethane	2.94	64	118373	27.166	ug/L 98
9) Trichlorofluoromethane	3.28	101	183616	26.410	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	4.09	101	186082	26.963	ug/L 97
12) 1,1-Dichloroethene	4.05	96	181925	26.356	ug/L 96
13) Acetone	4.14	43	52108	57.138	ug/L 97
14) Carbon disulfide	4.40	76	514529	25.102	ug/L 99
15) Methyl Acetate	4.68	43	67057	29.956	ug/L 98
16) Methylene chloride	4.93	84	184873	23.573	ug/L 93
17) trans-1,2-Dichloroethene	5.43	96	189184	26.417	ug/L 96
18) Methyl tert-butyl Ether	5.44	73	253440	28.811	ug/L 99
19) 1,1-Dichloroethane	6.23	63	306033	26.978	ug/L 100
20) cis-1,2-Dichloroethene	7.18	96	201672	27.092	ug/L 95
22) 2-Butanone	7.18	43	85902	55.401	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	96983	27.711	ug/L	94
25) Chloroform	7.68	83	335352	27.022	ug/L	99
27) 1,2-Dichloroethane	8.40	62	212812	27.618	ug/L	98
29) Cyclohexane	7.96	56	269702	25.105	ug/L	100
30) 1,1,1-Trichloroethane	7.88	97	304164	26.529	ug/L	99
31) Carbon tetrachloride	8.08	117	295752	26.489	ug/L	99
33) Benzene	8.33	78	691993	25.960	ug/L	100
34) Trichloroethene	9.10	95	202503	26.484	ug/L	98
35) Methylcyclohexane	9.34	83	334018	26.152	ug/L	100
37) 1,2-Dichloropropane	9.37	63	162115	26.672	ug/L	100
38) Bromodichloromethane	9.65	83	245655	27.254	ug/L	98
39) cis-1,3-Dichloropropene	10.08	75	276141	26.615	ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	194435	57.093	ug/L	100
42) Toluene	10.39	91	793601	26.426	ug/L	97
44) trans-1,3-Dichloropropene	10.61	75	243129	27.322	ug/L	100
45) 1,1,2-Trichloroethane	10.79	97	137219	27.795	ug/L	97
46) Tetrachloroethene	10.87	164	185667	26.919	ug/L	97
48) 2-Hexanone	10.97	43	129831	61.310	ug/L	99
49) Dibromochloromethane	11.13	129	182728	28.199	ug/L	100
50) 1,2-Dibromoethane	11.24	107	137822	28.188	ug/L	95
51) Chlorobenzene	11.66	112	526677	26.447	ug/L	99
52) Ethylbenzene	11.73	91	894014	26.440	ug/L	98
53) m,p-Xylene	11.84	106	353543	26.840	ug/L	97
54) o-Xylene	12.17	106	335449	26.906	ug/L	98
55) Styrene	12.18	104	564557	27.196	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.72	83	154877	29.139	ug/L	97
59) Bromoform	12.35	173	110725	27.487	ug/L	97
60) Isopropylbenzene	12.46	105	930242	25.534	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	112418	27.338	ug/L	100
62) 1,3,5-Trimethylbenzene	12.94	105	769525	25.667	ug/L	100
63) 1,2,4-Trimethylbenzene	13.25	105	758050	25.440	ug/L	97
64) 1,3-Dichlorobenzene	13.50	146	427007	25.539	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	420767	25.659	ug/L	95
67) 1,2-Dichlorobenzene	13.87	146	385699	26.074	ug/L	97
68) 1,2-Dibromo-3-chloropropan	14.49	75	27281	28.224	ug/L	91
69) 1,3,5-Trichlorobenzene	14.63	180	323259	26.194	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	272033	27.294	ug/L	98
71) Naphthalene	15.36	128	493082	29.480	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	229306	27.402	ug/L	97

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

