

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122820\
 Data File : VW017761.D
 Acq On : 28 Dec 2020 13:46
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV101

Quant Time: Dec 29 04:07:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM122820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 28 13:52:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	348850	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323368	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	173671	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121824	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.00%
7) Chloroethane-d5	2.89	69	107760	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.68%
11) 1,1-Dichloroethene-d2	4.03	63	226013	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.56%
21) 2-Butanone-d5	7.07	46	60487	50.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.76%
24) Chloroform-d	7.65	84	241770	25.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.32%
26) 1,2-Dichloroethane-d4	8.31	65	137172	25.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.72%
32) Benzene-d6	8.27	84	456073	24.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	9.27	67	132600	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
41) Toluene-d8	10.32	98	439677	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.08%
43) trans-1,3-Dichloropropene-	10.58	79	64608	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.64%
47) 2-Hexanone-d5	10.93	63	44360	52.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.32%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	120957	26.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.44%
66) 1,2-Dichlorobenzene-d4	13.85	152	151527	24.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	90084	22.296	ug/L	96
3) Chloromethane	2.21	50	82520	23.526	ug/L	100
5) Vinyl chloride	2.36	62	142516	24.345	ug/L	99
6) Bromomethane	2.78	94	110026	22.255	ug/L	95
8) Chloroethane	2.92	64	94326	24.432	ug/L	98
9) Trichlorofluoromethane	3.26	101	106487	25.412	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	114010	24.990	ug/L	99
12) 1,1-Dichloroethene	4.04	96	109436	25.153	ug/L	96
13) Acetone	4.12	43	44095	48.586	ug/L	100
14) Carbon disulfide	4.39	76	338336	25.107	ug/L	100
15) Methyl Acetate	4.67	43	50858	24.999	ug/L	98
16) Methylene chloride	4.92	84	119324	21.738	ug/L	99
17) trans-1,2-Dichloroethene	5.43	96	121113	24.792	ug/L	98
18) Methyl tert-butyl Ether	5.42	73	163925	25.765	ug/L	100
19) 1,1-Dichloroethane	6.22	63	213870	25.042	ug/L	97
20) cis-1,2-Dichloroethene	7.17	96	131976	25.223	ug/L	93
22) 2-Butanone	7.17	43	70810	52.187	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	59278	25.100	ug/L	90
25) Chloroform	7.68	83	226278	25.051	ug/L	94
27) 1,2-Dichloroethane	8.40	62	161120	25.615	ug/L	99
29) Cyclohexane	7.96	56	198471	25.273	ug/L	100
30) 1,1,1-Trichloroethane	7.87	97	190233	25.038	ug/L	99
31) Carbon tetrachloride	8.07	117	178904	24.708	ug/L	99
33) Benzene	8.32	78	486492	25.141	ug/L	100
34) Trichloroethene	9.09	95	135170	25.784	ug/L	94
35) Methylcyclohexane	9.34	83	236058	26.296	ug/L	99
37) 1,2-Dichloropropane	9.37	63	118991	25.370	ug/L	99
38) Bromodichloromethane	9.65	83	169043	25.538	ug/L	94
39) cis-1,3-Dichloropropene	10.07	75	198396	25.739	ug/L	100
40) 4-Methyl-2-pentanone	10.21	43	147574	51.959	ug/L	99
42) Toluene	10.39	91	557904	25.591	ug/L	100
44) trans-1,3-Dichloropropene	10.60	75	177863	25.686	ug/L	98
45) 1,1,2-Trichloroethane	10.79	97	97444	25.912	ug/L	97
46) Tetrachloroethene	10.86	164	105788	26.108	ug/L	98
48) 2-Hexanone	10.97	43	102960	52.974	ug/L	96
49) Dibromochloromethane	11.13	129	114781	25.603	ug/L	96
50) 1,2-Dibromoethane	11.24	107	95518	26.105	ug/L	96
51) Chlorobenzene	11.66	112	355416	25.766	ug/L	98
52) Ethylbenzene	11.73	91	642987	26.092	ug/L	97
53) m,p-Xylene	11.84	106	245559	25.808	ug/L	92
54) o-Xylene	12.16	106	231633	25.521	ug/L	100
55) Styrene	12.18	104	398223	25.628	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	120293	26.637	ug/L	95
59) Bromoform	12.35	173	64013	25.508	ug/L #	97
60) Isopropylbenzene	12.46	105	656238	25.970	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	88412	25.297	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	532281	25.732	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	540688	25.971	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	277228	25.305	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	282870	25.859	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	254842	25.462	ug/L	91
68) 1,2-Dibromo-3-chloropropan	14.48	75	20146	25.245	ug/L	91
69) 1,3,5-Trichlorobenzene	14.63	180	196313	26.469	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	163650	25.503	ug/L	97
71) Naphthalene	15.36	128	354722	25.717	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	144078	25.335	ug/L	97

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

