

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
 Data File : VW017779.D
 Acq On : 30 Dec 2020 13:17
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV105

Quant Time: Dec 30 19:07:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 30 19:04:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	302481	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	283874	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	150191	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127509	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.20%
7) Chloroethane-d5	2.89	69	110362	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	4.03	63	215635	24.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.68%
21) 2-Butanone-d5	7.08	46	55618	42.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.66%
24) Chloroform-d	7.65	84	210746	24.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	8.31	65	120801	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	8.27	84	407894	24.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	9.27	67	115373	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
41) Toluene-d8	10.32	98	392000	24.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.36%
43) trans-1,3-Dichloropropene-	10.58	79	55690	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
47) 2-Hexanone-d5	10.93	63	42242	48.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.08%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	110400	24.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.96%
66) 1,2-Dichlorobenzene-d4	13.85	152	133835	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	76023	20.857 ug/L	# 89
3) Chloromethane	2.21	50	80568	25.410 ug/L	96
5) Vinyl chloride	2.37	62	137983	26.394 ug/L	98
6) Bromomethane	2.78	94	116906	25.271 ug/L	95
8) Chloroethane	2.92	64	94098	27.218 ug/L	95
9) Trichlorofluoromethane	3.26	101	95161	26.767 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	105956	26.004 ug/L	98
13) Acetone	4.13	43	41959	47.597 ug/L	96
14) Carbon disulfide	4.39	76	308484	27.847 ug/L	98
15) Methyl Acetate	4.67	43	48466	25.451 ug/L	99
16) Methylene chloride	4.92	84	108045	22.157 ug/L	98
17) trans-1,2-Dichloroethene	5.43	96	110152	26.601 ug/L	95
18) Methyl tert-butyl Ether	5.42	73	136913	25.954 ug/L	99
19) 1,1-Dichloroethane	6.21	63	190999	26.036 ug/L	100
20) cis-1,2-Dichloroethene	7.17	96	116135	26.211 ug/L	100
22) 2-Butanone	7.17	43	67089	45.800 ug/L	98
23) Bromochloromethane	7.51	128	52344	25.815 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.68	83	203479	26.149	ug/L	99
27) 1,2-Dichloroethane	8.40	62	143871	25.891	ug/L	98
29) Cyclohexane	7.95	56	181584	27.256	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	173764	26.621	ug/L	98
31) Carbon tetrachloride	8.06	117	164616	26.850	ug/L	99
33) Benzene	8.32	78	440549	26.576	ug/L	100
34) Trichloroethene	9.09	95	119564	26.410	ug/L	98
35) Methylcyclohexane	9.34	83	210685	27.178	ug/L	100
37) 1,2-Dichloropropane	9.37	63	104874	26.137	ug/L	100
38) Bromodichloromethane	9.65	83	149166	26.321	ug/L	93
39) cis-1,3-Dichloropropene	10.07	75	174606	27.257	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	142362	49.987	ug/L	99
42) Toluene	10.38	91	497254	26.484	ug/L	98
44) trans-1,3-Dichloropropene	10.60	75	156943	26.867	ug/L	96
45) 1,1,2-Trichloroethane	10.79	97	87316	25.927	ug/L	96
46) Tetrachloroethene	10.87	164	91475	26.367	ug/L	96
48) 2-Hexanone	10.97	43	100433	50.337	ug/L	96
49) Dibromochloromethane	11.13	129	101083	26.155	ug/L	96
50) 1,2-Dibromoethane	11.23	107	86181	25.899	ug/L	94
51) Chlorobenzene	11.66	112	321039	26.948	ug/L	94
52) Ethylbenzene	11.73	91	573146	26.730	ug/L	99
53) m,p-Xylene	11.84	106	221967	26.757	ug/L	98
54) o-Xylene	12.16	106	212239	27.108	ug/L	97
55) Styrene	12.18	104	360581	26.917	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.71	83	112674	25.731	ug/L	99
59) Bromoform	12.35	173	57428	25.544	ug/L	98
60) Isopropylbenzene	12.46	105	582344	26.566	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	83589	25.330	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	474165	27.191	ug/L	97
63) 1,2,4-Trimethylbenzene	13.25	105	477697	26.917	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	247509	26.154	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	248431	26.428	ug/L	94
67) 1,2-Dichlorobenzene	13.87	146	223494	26.318	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.48	75	19430	24.605	ug/L	91
69) 1,3,5-Trichlorobenzene	14.63	180	167752	26.200	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	141133	25.459	ug/L	98
71) Naphthalene	15.36	128	329050	25.759	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	126536	25.970	ug/L	97

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

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