

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091820\
 Data File : VW016581.D
 Acq On : 18 Sep 2020 12:55
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV104

Quant Time: Sep 19 00:19:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 18 13:07:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	596763	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	541090	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	257944	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	178893	26.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.36%
7) Chloroethane-d5	2.90	69	142254	25.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.96%
11) 1,1-Dichloroethene-d2	4.03	63	358006	25.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.80%
21) 2-Butanone-d5	7.09	46	76292	50.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.22%
24) Chloroform-d	7.65	84	372619	26.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	8.31	65	188531	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.04%
32) Benzene-d6	8.28	84	713913	25.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.32%
36) 1,2-Dichloropropane-d6	9.27	67	196719	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.52%
41) Toluene-d8	10.33	98	695326	25.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.16%
43) trans-1,3-Dichloropropene-	10.58	79	96848	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.08%
47) 2-Hexanone-d5	10.93	63	62774	52.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.96%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	152701	25.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.24%
66) 1,2-Dichlorobenzene-d4	13.86	152	250176	26.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	158400	22.013	ug/L	90
3) Chloromethane	2.22	50	131891	23.129	ug/L	97
5) Vinyl chloride	2.37	62	185935	22.746	ug/L	100
6) Bromomethane	2.79	94	140330	22.347	ug/L	99
8) Chloroethane	2.94	64	110952	22.834	ug/L	99
9) Trichlorofluoromethane	3.27	101	163990	21.152	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.08	101	181481	23.581	ug/L	97
12) 1,1-Dichloroethene	4.05	96	174872	22.718	ug/L	91
13) Acetone	4.15	43	43188	42.466	ug/L	97
14) Carbon disulfide	4.40	76	526138	23.017	ug/L	99
15) Methyl Acetate	4.68	43	57097	22.873	ug/L	99
16) Methylene chloride	4.92	84	178920	20.458	ug/L	96
17) trans-1,2-Dichloroethene	5.44	96	182737	22.882	ug/L	96
18) Methyl tert-butyl Ether	5.43	73	228468	23.290	ug/L	99
19) 1,1-Dichloroethane	6.22	63	290682	22.978	ug/L	98
20) cis-1,2-Dichloroethene	7.17	96	192167	23.150	ug/L	96
22) 2-Butanone	7.18	43	70708	40.893	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	91995	23.571	ug/L	97
25) Chloroform	7.68	83	318031	22.980	ug/L	99
27) 1,2-Dichloroethane	8.40	62	198735	23.128	ug/L	99
29) Cyclohexane	7.96	56	264079	21.860	ug/L	99
30) 1,1,1-Trichloroethane	7.88	97	289967	22.491	ug/L	99
31) Carbon tetrachloride	8.07	117	282505	22.501	ug/L	99
33) Benzene	8.33	78	668419	22.299	ug/L	100
34) Trichloroethene	9.09	95	191749	22.301	ug/L	97
35) Methylcyclohexane	9.34	83	319795	22.266	ug/L	99
37) 1,2-Dichloropropane	9.37	63	155744	22.787	ug/L	100
38) Bromodichloromethane	9.65	83	231937	22.883	ug/L	99
39) cis-1,3-Dichloropropene	10.07	75	263662	22.599	ug/L	97
40) 4-Methyl-2-pentanone	10.21	43	167737	43.801	ug/L	99
42) Toluene	10.39	91	753670	22.318	ug/L	97
44) trans-1,3-Dichloropropene	10.61	75	228748	22.860	ug/L	98
45) 1,1,2-Trichloroethane	10.79	97	126166	22.727	ug/L	98
46) Tetrachloroethene	10.87	164	168495	21.725	ug/L	97
48) 2-Hexanone	10.97	43	109018	45.782	ug/L	99
49) Dibromochloromethane	11.13	129	171760	23.572	ug/L	99
50) 1,2-Dibromoethane	11.24	107	124757	22.691	ug/L	100
51) Chlorobenzene	11.66	112	498709	22.270	ug/L	100
52) Ethylbenzene	11.73	91	847079	22.279	ug/L	100
53) m,p-Xylene	11.84	106	330468	22.311	ug/L	96
54) o-Xylene	12.17	106	313777	22.381	ug/L	97
55) Styrene	12.18	104	534170	22.883	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.71	83	133231	22.291	ug/L	100
59) Bromoform	12.35	173	96847	23.258	ug/L	99
60) Isopropylbenzene	12.47	105	868665	23.066	ug/L	100
61) 1,2,3-Trichloropropane	12.77	75	97743	22.994	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	712299	22.984	ug/L	99
63) 1,2,4-Trimethylbenzene	13.26	105	718554	23.328	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	397055	22.974	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	389099	22.954	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	351681	22.999	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.49	75	22258	22.277	ug/L	93
69) 1,3,5-Trichlorobenzene	14.63	180	282359	22.134	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	229590	22.285	ug/L	98
71) Naphthalene	15.37	128	394398	22.811	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	189286	21.882	ug/L	97

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

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