

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120220\
 Data File : VW017521.D
 Acq On : 02 Dec 2020 12:06
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV101

Quant Time: Dec 03 03:19:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM120220SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 02 12:06:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	508729	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	466209	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	238453	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	145946	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.44%
7) Chloroethane-d5	2.89	69	115061	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.88%
11) 1,1-Dichloroethene-d2	4.03	63	312202	22.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.56%
21) 2-Butanone-d5	7.09	46	70690	42.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.88%
24) Chloroform-d	7.65	84	306377	22.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.04%
26) 1,2-Dichloroethane-d4	8.31	65	160312	22.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.08%
32) Benzene-d6	8.28	84	599139	23.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.48%
36) 1,2-Dichloropropane-d6	9.28	67	169630	22.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.20%
41) Toluene-d8	10.33	98	553887	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	10.58	79	78385	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.36%
47) 2-Hexanone-d5	10.93	63	49577	46.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.62%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	132028	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.36%
66) 1,2-Dichlorobenzene-d4	13.86	152	195806	22.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	84009	21.601	ug/L 91
3) Chloromethane	2.22	50	94643	22.766	ug/L 99
5) Vinyl chloride	2.37	62	138374	23.252	ug/L 100
6) Bromomethane	2.79	94	94402	23.330	ug/L 95
8) Chloroethane	2.93	64	87253	23.341	ug/L 98
9) Trichlorofluoromethane	3.27	101	139407	24.093	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	157605	23.514	ug/L 99
12) 1,1-Dichloroethene	4.05	96	148124	23.207	ug/L 87
13) Acetone	4.14	43	59550	45.709	ug/L 97
14) Carbon disulfide	4.40	76	418333	23.472	ug/L 98
15) Methyl Acetate	4.67	43	63221	23.776	ug/L 96
16) Methylene chloride	4.92	84	155493	21.109	ug/L 97
17) trans-1,2-Dichloroethene	5.43	96	158445	23.945	ug/L 98
18) Methyl tert-butyl Ether	5.43	73	190805	25.002	ug/L 99
19) 1,1-Dichloroethane	6.22	63	271792	23.760	ug/L 99
20) cis-1,2-Dichloroethene	7.17	96	168240	23.739	ug/L 94
22) 2-Butanone	7.18	43	81377	41.633	ug/L # 62

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Quant Time: Dec 03 03:19:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM120220SMA.M
 Quant Title : SFAM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	77799	23.471	ug/L	97
25) Chloroform	7.68	83	294204	24.086	ug/L	99
27) 1,2-Dichloroethane	8.40	62	185554	23.878	ug/L	98
29) Cyclohexane	7.96	56	241961	24.891	ug/L	100
30) 1,1,1-Trichloroethane	7.88	97	245527	24.020	ug/L	100
31) Carbon tetrachloride	8.07	117	240575	24.168	ug/L	100
33) Benzene	8.33	78	616248	24.087	ug/L	100
34) Trichloroethene	9.10	95	167158	23.677	ug/L	97
35) Methylcyclohexane	9.34	83	276462	24.311	ug/L	98
37) 1,2-Dichloropropane	9.37	63	150995	24.173	ug/L	99
38) Bromodichloromethane	9.65	83	209183	23.963	ug/L	98
39) cis-1,3-Dichloropropene	10.07	75	245306	24.953	ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	160493	45.726	ug/L	98
42) Toluene	10.39	91	678203	24.652	ug/L	98
44) trans-1,3-Dichloropropene	10.61	75	213815	24.266	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	117839	23.862	ug/L	99
46) Tetrachloroethene	10.87	164	137866	23.534	ug/L	95
48) 2-Hexanone	10.97	43	115853	47.733	ug/L	98
49) Dibromochloromethane	11.13	129	147108	23.897	ug/L	92
50) 1,2-Dibromoethane	11.24	107	113914	23.624	ug/L	95
51) Chlorobenzene	11.66	112	439491	24.128	ug/L	98
52) Ethylbenzene	11.73	91	767593	24.675	ug/L	99
53) m,p-Xylene	11.84	106	294983	25.094	ug/L	94
54) o-Xylene	12.17	106	276371	24.764	ug/L	99
55) Styrene	12.18	104	471286	24.717	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.71	83	134543	23.366	ug/L	97
59) Bromoform	12.35	173	85286	23.058	ug/L	100
60) Isopropylbenzene	12.47	105	767472	24.606	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	98118	22.471	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	630914	24.827	ug/L	98
63) 1,2,4-Trimethylbenzene	13.26	105	627452	24.989	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	349142	23.559	ug/L	97
65) 1,4-Dichlorobenzene	13.58	146	350093	23.266	ug/L	97
67) 1,2-Dichlorobenzene	13.87	146	317795	23.629	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.49	75	22995	22.990	ug/L	96
69) 1,3,5-Trichlorobenzene	14.63	180	258698	23.873	ug/L	99
70) 1,2,4-trichlorobenzene	15.13	180	216302	23.754	ug/L	98
71) Naphthalene	15.37	128	376599	24.647	ug/L	99
72) 1,2,3-Trichlorobenzene	15.56	180	186546	23.745	ug/L	99

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

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