

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100620\
 Data File : VW016788.D
 Acq On : 06 Oct 2020 09:13
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV106

Quant Time: Oct 07 02:02:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM100620SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 06 11:26:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	569242	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	514400	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	252234	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136654	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.24%
7) Chloroethane-d5	2.89	69	112335	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	4.03	63	292896	25.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.36%
21) 2-Butanone-d5	7.08	46	55567	46.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.82%
24) Chloroform-d	7.65	84	288237	24.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.16%
26) 1,2-Dichloroethane-d4	8.31	65	137031	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
32) Benzene-d6	8.27	84	572865	25.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.32%
36) 1,2-Dichloropropane-d6	9.27	67	153078	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.84%
41) Toluene-d8	10.32	98	546951	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	10.58	79	68777	25.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.12%
47) 2-Hexanone-d5	10.92	63	46813	50.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.00%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	116882	24.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.64%
66) 1,2-Dichlorobenzene-d4	13.85	152	196234	25.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	184531	26.318	ug/L 97
3) Chloromethane	2.21	50	158812	26.874	ug/L 98
5) Vinyl chloride	2.37	62	205455	28.621	ug/L 100
6) Bromomethane	2.78	94	145410	25.789	ug/L 96
8) Chloroethane	2.93	64	126561	26.044	ug/L 96
9) Trichlorofluoromethane	3.26	101	150419	26.726	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	203125	26.283	ug/L 99
12) 1,1-Dichloroethene	4.04	96	195315	26.944	ug/L 99
13) Acetone	4.12	43	46461	44.910	ug/L 98
14) Carbon disulfide	4.39	76	564900	27.744	ug/L 97
15) Methyl Acetate	4.67	43	56492	24.890	ug/L 99
16) Methylene chloride	4.92	84	185060	22.731	ug/L 98
17) trans-1,2-Dichloroethene	5.43	96	205506	26.590	ug/L 98
18) Methyl tert-butyl Ether	5.43	73	208949	25.942	ug/L 100
19) 1,1-Dichloroethane	6.22	63	310626	26.049	ug/L 99
20) cis-1,2-Dichloroethene	7.17	96	203683	26.024	ug/L 99
22) 2-Butanone	7.17	43	72498	49.211	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	96420	26.118	ug/L	97
25) Chloroform	7.68	83	335639	26.145	ug/L	97
27) 1,2-Dichloroethane	8.40	62	196476	25.899	ug/L	100
29) Cyclohexane	7.96	56	291343	27.468	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	293213	27.238	ug/L	99
31) Carbon tetrachloride	8.07	117	288173	27.432	ug/L	98
33) Benzene	8.32	78	737075	26.655	ug/L	100
34) Trichloroethene	9.09	95	208288	26.474	ug/L	98
35) Methylcyclohexane	9.34	83	360161	27.538	ug/L	99
37) 1,2-Dichloropropane	9.37	63	164817	26.251	ug/L	100
38) Bromodichloromethane	9.65	83	230484	26.300	ug/L	97
39) cis-1,3-Dichloropropene	10.07	75	265692	26.864	ug/L	98
40) 4-Methyl-2-pentanone	10.21	43	162854	52.272	ug/L	99
42) Toluene	10.39	91	820328	26.715	ug/L	100
44) trans-1,3-Dichloropropene	10.61	75	227543	27.029	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	131921	25.961	ug/L	96
46) Tetrachloroethene	10.87	164	194788	26.989	ug/L	97
48) 2-Hexanone	10.97	43	110165	53.360	ug/L	100
49) Dibromochloromethane	11.13	129	166583	26.636	ug/L	95
50) 1,2-Dibromoethane	11.24	107	129480	26.463	ug/L	96
51) Chlorobenzene	11.66	112	548205	26.722	ug/L	99
52) Ethylbenzene	11.73	91	930939	27.032	ug/L	97
53) m,p-Xylene	11.84	106	362732	26.953	ug/L	98
54) o-Xylene	12.17	106	343066	26.936	ug/L	93
55) Styrene	12.18	104	585926	27.798	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.71	83	142680	26.101	ug/L	99
59) Bromoform	12.35	173	97117	27.392	ug/L	98
60) Isopropylbenzene	12.46	105	949242	28.282	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	103137	26.606	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	784370	28.310	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	745396	28.625	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	446926	27.575	ug/L	97
65) 1,4-Dichlorobenzene	13.58	146	438996	27.394	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	390695	28.022	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.49	75	22716	27.984	ug/L	98
69) 1,3,5-Trichlorobenzene	14.63	180	347586	29.116	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	270932	28.208	ug/L	96
71) Naphthalene	15.36	128	458176	29.878	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	239377	29.292	ug/L	99

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

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