

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014309.D
 Acq On : 15 Jan 2020 11:55
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV356

Quant Time: Jan 16 03:04:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 16 03:02:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	894588	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	827965	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	392310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	277734	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	212670	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	426498	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	3.96	46	692144	50.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.40	84	570278	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	270590	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.09	84	1178824	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.11	67	361609	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.35	98	1077174	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.66	79	148541	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.13	63	594597	50.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.10%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	242498	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
66) 1,2-Dichlorobenzene-d4	11.67	152	330270	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	421820	5.979 ug/L	98
3) Chloromethane	1.25	50	380459	5.578 ug/L	98
5) Vinyl chloride	1.32	62	385145	6.147 ug/L	99
6) Bromomethane	1.54	94	199011	5.690 ug/L	99
8) Chloroethane	1.60	64	176909	5.412 ug/L	95
9) Trichlorofluoromethane	1.77	101	390039	5.147 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	205665	5.023 ug/L	99
12) 1,1-Dichloroethene	2.14	96	206535	5.382 ug/L	98
13) Acetone	2.23	43	438266	48.394 ug/L	92
14) Carbon disulfide	2.32	76	995462	5.345 ug/L	100
15) Methyl Acetate	2.48	43	109294	5.430 ug/L	93
16) Methylene chloride	2.53	84	400033	5.120 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	705001	5.255 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	317442	5.263 ug/L	97
19) 1,1-Dichloroethane	3.23	63	596628	5.296 ug/L	99
21) 2-Butanone	4.04	43	763225	53.515 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	342857	5.351 ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
23) Bromochloromethane	4.30	128	128712	5.332	ug/L	93
25) Chloroform	4.42	83	601550	5.492	ug/L	99
27) 1,2-Dichloroethane	5.18	62	337260	5.408	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	506596	5.261	ug/L	99
30) Cyclohexane	4.72	56	600115	5.119	ug/L	99
31) Carbon tetrachloride	4.87	117	427004	5.148	ug/L	100
33) Benzene	5.14	78	1302292	5.183	ug/L	100
34) Trichloroethene	5.95	95	335612	5.163	ug/L	98
35) Methylcyclohexane	6.17	83	595942	5.180	ug/L	99
37) 1,2-Dichloropropane	6.22	63	325721	5.293	ug/L	99
38) Bromodichloromethane	6.55	83	402341	5.166	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	504524	5.218	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1969086	53.594	ug/L	100
42) Toluene	7.43	91	1376977	5.156	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	398589	5.372	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	203722	5.246	ug/L	97
47) Tetrachloroethene	8.01	164	239198	5.336	ug/L	99
48) 2-Hexanone	8.18	43	1378261	54.780	ug/L	98
49) Dibromochloromethane	8.29	129	249250	5.214	ug/L	98
50) 1,2-Dibromoethane	8.39	107	192965	5.332	ug/L	98
51) Chlorobenzene	8.92	112	848588	5.201	ug/L	99
52) Ethylbenzene	9.05	91	1569348	5.227	ug/L	100
53) m,p-xylene	9.18	106	582995	5.253	ug/L	97
54) o-xylene	9.58	106	566418	5.257	ug/L	100
55) Styrene	9.60	104	948717	5.322	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	252281	5.285	ug/L	99
59) Bromoform	9.77	173	125917	5.230	ug/L	98
60) Isopropylbenzene	9.97	105	1508239	5.176	ug/L	99
61) 1,2,3-Trichloropropane	10.31	75	185765	5.269	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	1286254	5.230	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	1313799	5.370	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	641834	5.310	ug/L	99
65) 1,4-Dichlorobenzene	11.31	146	627039	5.115	ug/L	98
67) 1,2-Dichlorobenzene	11.68	146	562579	5.174	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	44751	5.018	ug/L	97
69) 1,3,5-Trichlorobenzene	12.69	180	466791	5.270	ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	403696	5.403	ug/L	100
71) Naphthalene	13.55	128	782894	5.624	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	352646	5.475	ug/L	100

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

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