

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017603.D
 Acq On : 23 Jul 2020 14:07
 Operator : SY/MD
 Sample : VSTD02034
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02034

Quant Time: Jul 24 01:07:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 01:03:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	206621	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	197508	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	113219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	185366	16.15	ug/L	0.00
7) Chloroethane-d5	1.58	69	145668	15.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	408542	16.08	ug/L	0.00
20) 2-Butanone-d5	3.94	46	476960	195.96	ug/L	0.00
24) Chloroform-d	4.37	84	466607	17.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	234129	17.06	ug/L	0.00
32) Benzene-d6	5.07	84	846559	19.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	234691	19.05	ug/L	0.00
41) Toluene-d8	7.34	98	831109	19.31	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	111676	18.78	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	384630	215.97	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	167308	18.95	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	319625	17.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	403585	16.707 ug/L	99
3) Chloromethane	1.25	50	271532	16.705 ug/L	93
5) Vinyl chloride	1.32	62	271140	16.621 ug/L	100
6) Bromomethane	1.53	94	175985	17.643 ug/L	100
8) Chloroethane	1.60	64	157106	16.680 ug/L	96
9) Trichlorofluoromethane	1.76	101	476059	15.994 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	219649	15.858 ug/L	97
12) 1,1-Dichloroethene	2.13	96	202799	16.560 ug/L	90
13) Acetone	2.24	43	346499	188.878 ug/L	91
14) Carbon disulfide	2.31	76	625892	16.707 ug/L	97
15) Methyl Acetate	2.46	43	75794	20.737 ug/L #	85
16) Methylene chloride	2.52	84	207134	14.056 ug/L	94
17) Methyl tert-butyl Ether	2.79	73	534986	17.450 ug/L	98
18) trans-1,2-Dichloroethene	2.77	96	219562	16.802 ug/L	94
19) 1,1-Dichloroethane	3.21	63	494111	19.232 ug/L	97
21) 2-Butanone	4.03	43	624516	217.832 ug/L	100
22) cis-1,2-Dichloroethene	3.94	96	289100	19.697 ug/L	99
23) Bromochloromethane	4.27	128	131373	19.983 ug/L	92
25) Chloroform	4.40	83	532597	19.103 ug/L	97
27) 1,2-Dichloroethane	5.16	62	347027	18.998 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	521190	18.894 ug/L	98
30) Cyclohexane	4.70	56	418258	19.515 ug/L	99
31) Carbon tetrachloride	4.85	117	472696	18.617 ug/L	100
33) Benzene	5.12	78	1063768	20.230 ug/L	100
34) Trichloroethene	5.94	95	295839	18.725 ug/L	99
35) Methylcyclohexane	6.15	83	456280	19.265 ug/L	99
37) 1,2-Dichloropropane	6.20	63	254202	20.600 ug/L	98
38) Bromodichloromethane	6.53	83	377119	20.191 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	417781	21.623 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	1460219	222.177 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1192468	20.574	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	1228778	21.581	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	1255362	22.067	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	368158	21.491	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	182276	19.680	ug/L	94
49) Tetrachloroethene	7.99	164	258597	19.187	ug/L	99
50) 2-Hexanone	8.16	43	1054878	218.192	ug/L	97
51) Dibromochloromethane	8.27	129	258859	20.738	ug/L	97
52) 1,2-Dibromoethane	8.37	107	175497	19.453	ug/L	98
53) Chlorobenzene	8.90	112	772998	19.955	ug/L	98
54) Ethylbenzene	9.03	91	1372202	20.799	ug/L	100
55) m,p-xylene	9.16	106	525235	21.000	ug/L	96
56) o-xylene	9.56	106	500952	20.581	ug/L	99
57) Styrene	9.58	104	869308	21.371	ug/L	100
58) Isopropylbenzene	9.95	105	1399102	20.570	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	207278	21.820	ug/L	100
62) Bromoform	9.75	173	146969	19.874	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	686038	19.373	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	683778	19.418	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	624446	19.351	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	42907	21.249	ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	576384	20.068	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	503738	21.145	ug/L	99
70) Naphthalene	13.52	128	781465	23.150	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	433061	21.036	ug/L	97

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

