

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070219\
 Data File : VV011798.D
 Acq On : 02 Jul 2019 09:55
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.534

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 12:28:57 PM

Quant Time: Jul 03 08:03:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 07:50:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	199809	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	185975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5769	0.38	ug/L	0.00
7) Chloroethane-d5	1.58	69	4798	0.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	11970	0.42	ug/L	0.00
20) 2-Butanone-d5	3.98	46	13313m	3.23	ug/L	0.00
24) Chloroform-d	4.40	84	11352	0.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	6170	0.39	ug/L	0.00
32) Benzene-d6	5.09	84	21272	0.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	7424	0.43	ug/L	0.00
41) Toluene-d8	7.36	98	17743	0.36	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2084	0.36	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	8752	2.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	4820	0.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	6700	0.41	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	8435	0.458 ug/L	99
3) Chloromethane	1.25	50	9401	0.481 ug/L	99
5) Vinyl chloride	1.32	62	7804	0.408 ug/L	93
6) Bromomethane	1.53	94	4357	0.516 ug/L	97
8) Chloroethane	1.60	64	4824	0.495 ug/L	95
9) Trichlorofluoromethane	1.77	101	10008	0.456 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5878	0.474 ug/L	96
12) 1,1-Dichloroethene	2.14	96	5406	0.431 ug/L	87
13) Acetone	2.23	43	10361	3.711 ug/L	90
14) Carbon disulfide	2.31	76	13371	0.393 ug/L #	89
15) Methyl Acetate	2.47	43	4431	0.613 ug/L #	78
16) Methylene chloride	2.53	84	8678	0.610 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	13270	0.362 ug/L #	91
18) trans-1,2-Dichloroethene	2.78	96	5803	0.411 ug/L	96
19) 1,1-Dichloroethane	3.23	63	11878	0.407 ug/L	92
21) 2-Butanone	4.07	43	15083m	3.402 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	6103	0.382 ug/L	97
23) Bromochloromethane	4.30	128	2639	0.414 ug/L	92
25) Chloroform	4.42	83	14570	0.496 ug/L	98
27) 1,2-Dichloroethane	5.18	62	7931	0.388 ug/L #	91
29) 1,1,1-Trichloroethane	4.66	97	9198	0.398 ug/L	97
30) Cyclohexane	4.71	56	9511	0.391 ug/L	98
31) Carbon tetrachloride	4.87	117	7508	0.395 ug/L	98
33) Benzene	5.14	78	23225	0.383 ug/L	100
34) Trichloroethene	5.96	95	6309	0.408 ug/L	97
35) Methylcyclohexane	6.17	83	9546	0.418 ug/L	100
37) 1,2-Dichloropropane	6.22	63	5999	0.371 ug/L #	97
38) Bromodichloromethane	6.56	83	6920	0.379 ug/L #	91
39) cis-1,3-Dichloropropene	7.07	75	7111	0.348 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	34684	3.101 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	22750	0.360	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	5051	0.323	ug/L	85
45) 1,1,2-Trichloroethane	7.88	97	3870	0.364	ug/L	97
47) Tetrachloroethene	8.01	164	4754	0.418	ug/L	92
48) 2-Hexanone	8.19	43	22704	2.887	ug/L	99
49) Dibromochloromethane	8.29	129	3605	0.335	ug/L	98
50) 1,2-Dibromoethane	8.40	107	3554	0.369	ug/L #	98
51) Chlorobenzene	8.92	112	16003	0.411	ug/L	98
52) Ethylbenzene	9.05	91	25742	0.384	ug/L	99
53) m,p-xylene	9.18	106	8791	0.358	ug/L	92
54) o-xylene	9.59	106	8675	0.354	ug/L	100
55) Styrene	9.60	104	12961	0.319	ug/L	99
56) Isopropylbenzene	9.97	105	22961	0.363	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	4720	0.363	ug/L #	89
59) 1,2,3-Trichloropropane	10.32	75	3652	0.369	ug/L	93
61) Bromoform	9.77	173	1733	0.337	ug/L #	91
62) 1,3-Dichlorobenzene	11.23	146	10558	0.396	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	11131	0.410	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	10003	0.377	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	744	0.396	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	8260	0.418	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	6361	0.400	ug/L	95
69) Naphthalene	13.55	128	8576	0.285	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	5654	0.369	ug/L	96

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

