

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090519\
 Data File : VV012586.D
 Acq On : 05 Sep 2019 17:45
 Operator : SY/MD
 Sample : VSTD0.531
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.531

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 3:56:27 PM

Quant Time: Sep 06 02:58:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 02:40:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151858	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	147895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58757	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7542	0.51	ug/L	0.00
7) Chloroethane-d5	1.58	69	6475	0.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	16023	0.44	ug/L	0.00
20) 2-Butanone-d5	3.99	46	13912m	4.91	ug/L	0.03
24) Chloroform-d	4.40	84	11235	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	6068	0.51	ug/L	0.00
32) Benzene-d6	5.10	84	18978	0.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	6296	0.48	ug/L	0.00
41) Toluene-d8	7.36	98	14295	0.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2013m	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	6144m	3.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	4515	0.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	5790	0.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	7490	0.387 ug/L	92
3) Chloromethane	1.25	50	11001	0.478 ug/L	99
5) Vinyl chloride	1.32	62	10493	0.421 ug/L	98
6) Bromomethane	1.54	94	7111	0.479 ug/L	94
8) Chloroethane	1.60	64	6782	0.396 ug/L	94
9) Trichlorofluoromethane	1.77	101	15952	0.418 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	8956	0.419 ug/L	98
12) 1,1-Dichloroethene	2.14	96	8434	0.427 ug/L	98
13) Acetone	2.23	43	16078	4.076 ug/L	63
14) Carbon disulfide	2.32	76	27404	0.430 ug/L #	95
15) Methyl Acetate	2.48	43	4465m	0.459 ug/L	
16) Methylene chloride	2.53	84	11286	0.499 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	13277	0.398 ug/L #	88
18) trans-1,2-Dichloroethene	2.79	96	6945	0.439 ug/L	96
19) 1,1-Dichloroethane	3.23	63	13156	0.433 ug/L	98
21) 2-Butanone	4.07	43	15724m	4.124 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	6502	0.401 ug/L	80
23) Bromochloromethane	4.31	128	3157m	0.482 ug/L	
25) Chloroform	4.43	83	16593	0.518 ug/L	95
27) 1,2-Dichloroethane	5.19	62	8244m	0.442 ug/L	
29) 1,1,1-Trichloroethane	4.66	97	10499	0.427 ug/L	97
30) Cyclohexane	4.72	56	9681	0.383 ug/L #	94
31) Carbon tetrachloride	4.87	117	9006	0.419 ug/L	99
33) Benzene	5.14	78	24852	0.408 ug/L	100
34) Trichloroethene	5.96	95	6973	0.412 ug/L	97
35) Methylcyclohexane	6.17	83	9522	0.371 ug/L	98
37) 1,2-Dichloropropane	6.22	63	6209	0.379 ug/L #	89
38) Bromodichloromethane	6.56	83	8638	0.420 ug/L #	99
39) cis-1,3-Dichloropropene	7.07	75	8383	0.401 ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	33012	3.514 ug/L	95

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42) Toluene	7.43	91	23897	0.360	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	5709	0.343	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	4913	0.479	ug/L	93
47) Tetrachloroethene	8.02	164	4999	0.411	ug/L	93
48) 2-Hexanone	8.20	43	21248	3.210	ug/L #	96
49) Dibromochloromethane	8.29	129	4705	0.391	ug/L	93
50) 1,2-Dibromoethane	8.40	107	3829	0.418	ug/L #	94
51) Chlorobenzene	8.93	112	16073	0.388	ug/L	95
52) Ethylbenzene	9.05	91	25207	0.352	ug/L	97
53) m,p-xylene	9.18	106	8483	0.325	ug/L	86
54) o-xylene	9.59	106	8208	0.334	ug/L	96
55) Styrene	9.60	104	11655	0.278	ug/L	98
56) Isopropylbenzene	9.97	105	20140	0.298	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	4360	0.384	ug/L #	91
59) 1,2,3-Trichloropropane	10.32	75	4185	0.459	ug/L	98
61) Bromoform	9.78	173	2381	0.496	ug/L #	94
62) 1,3-Dichlorobenzene	11.23	146	10718	0.423	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	10669	0.412	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	10202	0.438	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	724	0.463	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.69	180	6811	0.371	ug/L	94
68) 1,2,4-trichlorobenzene	13.31	180	4706	0.358	ug/L	99
69) Naphthalene	13.56	128	4903	0.253	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.80	180	3881	0.322	ug/L	99

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

