

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082919\
 Data File : VV012438.D
 Acq On : 29 Aug 2019 18:17
 Operator : SY/MD
 Sample : VSTD0.535
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.535

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 5:32:42 PM

Quant Time: Aug 30 05:30:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 30 05:22:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	204675	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	198486	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84839	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9698	1.94	ug/L	0.00
7) Chloroethane-d5	1.59	69	6927	1.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	15828	1.05	ug/L	0.00
20) 2-Butanone-d5	3.98	46	16925m	5.19	ug/L	0.02
24) Chloroform-d	4.40	84	16554	0.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	8119	0.90	ug/L	0.00
32) Benzene-d6	5.10	84	28575	0.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9398	0.76	ug/L	0.00
41) Toluene-d8	7.36	98	23328	0.79	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2995	0.65	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	9595	4.03	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	6705	0.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	8554	0.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	13115	0.451 ug/L	96
3) Chloromethane	1.25	50	13610	0.558 ug/L	95
5) Vinyl chloride	1.32	62	12880	0.571 ug/L	100
6) Bromomethane	1.54	94	7094	0.594 ug/L	97
8) Chloroethane	1.60	64	7285	0.611 ug/L	100
9) Trichlorofluoromethane	1.77	101	16140	0.525 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	8129	0.541 ug/L	99
12) 1,1-Dichloroethene	2.14	96	7914	0.554 ug/L	90
13) Acetone	2.24	43	15841	6.655 ug/L	87
14) Carbon disulfide	2.32	76	23942	0.553 ug/L	99
15) Methyl Acetate	2.48	43	3230	0.554 ug/L #	80
16) Methylene chloride	2.53	84	10520	0.678 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	20112	0.474 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	9957	0.509 ug/L	98
19) 1,1-Dichloroethane	3.23	63	18988	0.494 ug/L	96
21) 2-Butanone	4.07	43	21927m	4.518 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	9632	0.460 ug/L	97
23) Bromochloromethane	4.30	128	4238	0.478 ug/L	92
25) Chloroform	4.43	83	22303	0.557 ug/L	91
27) 1,2-Dichloroethane	5.18	62	10872	0.481 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	15296	0.471 ug/L	94
30) Cyclohexane	4.72	56	13612	0.412 ug/L	98
31) Carbon tetrachloride	4.87	117	13531	0.474 ug/L	97
33) Benzene	5.15	78	36471	0.444 ug/L	100
34) Trichloroethene	5.96	95	9902	0.465 ug/L	94
35) Methylcyclohexane	6.17	83	12706	0.390 ug/L	96
37) 1,2-Dichloropropane	6.22	63	10424	0.498 ug/L #	91
38) Bromodichloromethane	6.56	83	13395	0.498 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	10683	0.387 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	48149	4.035 ug/L	93

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

42) Toluene	7.43	91	34075	0.403	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	8878	0.412	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	7194	0.513	ug/L	92
47) Tetrachloroethene	8.02	164	7630	0.440	ug/L	95
48) 2-Hexanone	8.19	43	29072	3.537	ug/L	97
49) Dibromochloromethane	8.29	129	7349	0.443	ug/L	95
50) 1,2-Dibromoethane	8.40	107	5632	0.444	ug/L #	98
51) Chlorobenzene	8.92	112	24463	0.453	ug/L	97
52) Ethylbenzene	9.05	91	34739	0.383	ug/L	94
53) m,p-xylene	9.18	106	11568	0.342	ug/L	83
54) o-xylene	9.59	106	12102	0.373	ug/L	93
55) Styrene	9.60	104	18890	0.346	ug/L	97
56) Isopropylbenzene	9.97	105	29484	0.341	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.28	83	7844	0.470	ug/L #	95
59) 1,2,3-Trichloropropane	10.32	75	5610	0.471	ug/L	93
61) Bromoform	9.77	173	3940	0.490	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	16076	0.444	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	15914	0.439	ug/L	93
65) 1,2-Dichlorobenzene	11.69	146	15864	0.468	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	1102	0.467	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	11478	0.413	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	7363	0.342	ug/L	94
69) Naphthalene	13.56	128	8128	0.246	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.79	180	6942	0.335	ug/L	98

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

