

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012276.D
 Acq On : 19 Aug 2019 13:29
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00133

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 12:41:28 PM

Quant Time: Aug 19 18:55:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 19 18:23:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133713	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126742	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63871	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6231	0.76	ug/L	0.00
7) Chloroethane-d5	1.58	69	4369	0.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	11090	0.80	ug/L	0.00
20) 2-Butanone-d5	3.97	46	16559m	9.29	ug/L	0.00
24) Chloroform-d	4.40	84	16919	1.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	8795	1.09	ug/L	0.00
32) Benzene-d6	5.10	84	29416	0.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	8679	0.92	ug/L	0.00
41) Toluene-d8	7.36	98	26759	0.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3659	0.98	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	9347	7.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	5977	0.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	11310	1.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	13745	1.006 ug/L	94
3) Chloromethane	1.25	50	7618	0.685 ug/L	98
5) Vinyl chloride	1.32	62	7998	0.699 ug/L	98
6) Bromomethane	1.53	94	4291	0.681 ug/L	99
8) Chloroethane	1.60	64	3754	0.593 ug/L	97
9) Trichlorofluoromethane	1.77	101	14556	0.945 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6055	0.793 ug/L	93
12) 1,1-Dichloroethene	2.14	96	5562	0.785 ug/L	86
13) Acetone	2.25	43	8894	8.134 ug/L	88
14) Carbon disulfide	2.31	76	15696	0.778 ug/L	96
15) Methyl Acetate	2.48	43	2089	0.793 ug/L #	84
16) Methylene chloride	2.53	84	6497	0.877 ug/L	90
17) Methyl tert-butyl Ether	2.81	73	17992	0.921 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	8146	0.870 ug/L	97
19) 1,1-Dichloroethane	3.23	63	14036	0.829 ug/L	95
21) 2-Butanone	4.07	43	17596m	8.227 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	8620	0.843 ug/L	83
23) Bromochloromethane	4.31	128	3990	0.905 ug/L	96
25) Chloroform	4.42	83	18724	0.957 ug/L	100
27) 1,2-Dichloroethane	5.18	62	9889	0.911 ug/L #	89
29) 1,1,1-Trichloroethane	4.66	97	15532	0.988 ug/L	98
30) Cyclohexane	4.72	56	11613	0.789 ug/L	99
31) Carbon tetrachloride	4.87	117	14866	1.038 ug/L	97
33) Benzene	5.15	78	32976	0.886 ug/L	100
34) Trichloroethene	5.96	95	10094	0.980 ug/L	96
35) Methylcyclohexane	6.17	83	13689	0.867 ug/L	99
37) 1,2-Dichloropropane	6.22	63	7985	0.871 ug/L	99
38) Bromodichloromethane	6.56	83	10992	0.893 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	11206	0.859 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	37630	7.506 ug/L	96

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42) Toluene	7.43	91	35149	0.876	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	8529	0.821	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	5724	0.907	ug/L	98
47) Tetrachloroethene	8.02	164	8302	0.955	ug/L	88
48) 2-Hexanone	8.19	43	27461	7.813	ug/L	99
49) Dibromochloromethane	8.29	129	7251	0.907	ug/L	98
50) 1,2-Dibromoethane	8.40	107	5505	0.907	ug/L	93
51) Chlorobenzene	8.92	112	24063	0.917	ug/L	99
52) Ethylbenzene	9.05	91	36463	0.843	ug/L	99
53) m,p-xylene	9.18	106	14238	0.851	ug/L	92
54) o-xylene	9.59	106	13626	0.861	ug/L	98
55) Styrene	9.60	104	22570	0.855	ug/L	98
56) Isopropylbenzene	9.97	105	37311	0.877	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	5855	0.818	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	4553	0.856	ug/L	95
61) Bromoform	9.78	173	3947	0.952	ug/L #	94
62) 1,3-Dichlorobenzene	11.23	146	19672	0.930	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	19456	0.920	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	18621	0.958	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	843	0.686	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.69	180	15657	0.960	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	10011	0.824	ug/L	97
69) Naphthalene	13.55	128	11673	0.681	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	9588	0.844	ug/L	97

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

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