

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072919\
 Data File : VV012057.D
 Acq On : 29 Jul 2019 11:47
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001331

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 10:58:29 AM

Quant Time: Jul 30 08:22:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 30 08:12:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138972	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139581	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	74458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7397	0.91	ug/L	0.00
7) Chloroethane-d5	1.59	69	4641	0.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	12708	0.89	ug/L	0.00
20) 2-Butanone-d5	3.97	46	13739m	7.16	ug/L	0.00
24) Chloroform-d	4.40	84	15294	0.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	8128	0.83	ug/L	0.00
32) Benzene-d6	5.10	84	29449	0.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	8575	0.82	ug/L	0.00
41) Toluene-d8	7.36	98	28228	0.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3391	0.73	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	11123	6.78	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	6341	0.81	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	11245	0.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	16035	0.997 ug/L	99
3) Chloromethane	1.25	50	9278	1.045 ug/L	99
5) Vinyl chloride	1.32	62	9249	1.010 ug/L	99
6) Bromomethane	1.54	94	5189	0.931 ug/L	99
8) Chloroethane	1.60	64	4834	0.987 ug/L	89
9) Trichlorofluoromethane	1.77	101	15470	0.997 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6654	1.012 ug/L	97
12) 1,1-Dichloroethene	2.14	96	6196	1.023 ug/L	94
13) Acetone	2.23	43	8981m	9.698 ug/L	
14) Carbon disulfide	2.32	76	16457	0.962 ug/L	100
15) Methyl Acetate	2.47	43	1783	0.985 ug/L	95
16) Methylene chloride	2.53	84	6460	1.055 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	18841	0.963 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	8623	0.973 ug/L	95
19) 1,1-Dichloroethane	3.23	63	15569	0.956 ug/L	96
21) 2-Butanone	4.06	43	16579	8.681 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	9128	0.965 ug/L	95
23) Bromochloromethane	4.30	128	3917	0.932 ug/L	88
25) Chloroform	4.42	83	19849	0.980 ug/L	95
27) 1,2-Dichloroethane	5.18	62	11135	1.015 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	16063	0.934 ug/L	96
30) Cyclohexane	4.72	56	12524	0.846 ug/L	98
31) Carbon tetrachloride	4.87	117	14042	0.894 ug/L	98
33) Benzene	5.15	78	33632	0.878 ug/L	100
34) Trichloroethene	5.96	95	9861	0.927 ug/L	95
35) Methylcyclohexane	6.17	83	14390	0.855 ug/L	98
37) 1,2-Dichloropropane	6.22	63	8331	0.943 ug/L	# 91
38) Bromodichloromethane	6.55	83	10772	0.861 ug/L	83
39) cis-1,3-Dichloropropene	7.07	75	11861	0.843 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	41111	8.153 ug/L	99

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42) Toluene	7.43	91	36469	0.840	ug/L	94
44) trans-1,3-Dichloropropene	7.69	75	9456	0.834	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	6350	0.952	ug/L	97
47) Tetrachloroethene	8.02	164	8750	0.890	ug/L	95
48) 2-Hexanone	8.19	43	28217	7.800	ug/L	98
49) Dibromochloromethane	8.29	129	7331	0.872	ug/L	100
50) 1,2-Dibromoethane	8.40	107	5830	0.925	ug/L #	92
51) Chlorobenzene	8.92	112	25737	0.919	ug/L	98
52) Ethylbenzene	9.05	91	42902	0.882	ug/L	99
53) m,p-xylene	9.18	106	15740	0.819	ug/L	90
54) o-xylene	9.59	106	14849	0.838	ug/L	94
55) Styrene	9.60	104	24677	0.813	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.28	83	6454	0.893	ug/L #	96
59) Bromoform	9.77	173	4047	0.943	ug/L	99
60) Isopropylbenzene	9.97	105	40792	0.870	ug/L	98
61) 1,2,3-Trichloropropane	10.32	75	5075	0.961	ug/L	97
62) 1,3,5-Trimethylbenzene	10.58	105	32592	0.826	ug/L	97
63) 1,2,4-Trimethylbenzene	10.96	105	31857	0.796	ug/L	96
64) 1,3-Dichlorobenzene	11.22	146	21472	0.937	ug/L	98
65) 1,4-Dichlorobenzene	11.32	146	21970	0.934	ug/L	99
67) 1,2-Dichlorobenzene	11.69	146	19648	0.937	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.48	75	912	0.817	ug/L #	69
69) 1,3,5-Trichlorobenzene	12.69	180	17645	0.950	ug/L	98
70) 1,2,4-trichlorobenzene	13.31	180	13155	0.896	ug/L	97
71) Naphthalene	13.55	128	16624	0.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	11496	0.871	ug/L	95

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

