

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013391.D
 Acq On : 29 Oct 2019 10:55
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00133

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:22:36 AM

Quant Time: Oct 30 01:13:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 01:57:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	344254	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	375544	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	215368	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30678	1.13	ug/L	0.00
7) Chloroethane-d5	1.58	69	24110	1.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	48866	1.04	ug/L	0.00
20) 2-Butanone-d5	3.98	46	62463m	11.06	ug/L	0.02
24) Chloroform-d	4.40	84	56527	0.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	29304	1.03	ug/L	0.00
32) Benzene-d6	5.10	84	109466	0.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	34422	0.92	ug/L	0.00
41) Toluene-d8	7.36	98	96398	0.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	11675	0.82	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	29950	6.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22757	0.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	37934	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	43886	1.102 ug/L	97
3) Chloromethane	1.25	50	35895	1.032 ug/L	97
5) Vinyl chloride	1.32	62	35688	1.033 ug/L	99
6) Bromomethane	1.53	94	18181	0.940 ug/L	96
8) Chloroethane	1.60	64	20555	1.008 ug/L	97
9) Trichlorofluoromethane	1.77	101	46800	0.960 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	26712	0.938 ug/L	97
12) 1,1-Dichloroethene	2.14	96	24609	0.909 ug/L	98
13) Acetone	2.24	43	35536m	12.646 ug/L	
14) Carbon disulfide	2.31	76	74233	0.942 ug/L	100
15) Methyl Acetate	2.47	43	14705	1.498 ug/L #	73
16) Methylene chloride	2.53	84	37299	0.896 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	65870	1.002 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	33308	0.999 ug/L	98
19) 1,1-Dichloroethane	3.23	63	60064	1.064 ug/L	98
21) 2-Butanone	4.06	43	65705	10.512 ug/L	89
22) cis-1,2-Dichloroethene	3.96	96	32192	0.906 ug/L #	99
23) Bromochloromethane	4.30	128	15302	0.947 ug/L	95
25) Chloroform	4.43	83	65728	0.958 ug/L	100
27) 1,2-Dichloroethane	5.18	62	36750	1.000 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	51333	0.913 ug/L	100
30) Cyclohexane	4.72	56	48388	0.821 ug/L	98
31) Carbon tetrachloride	4.87	117	46068	0.911 ug/L	95
33) Benzene	5.15	78	123106	0.849 ug/L	100
34) Trichloroethene	5.96	95	35646	0.914 ug/L	95
35) Methylcyclohexane	6.17	83	45758	0.761 ug/L	94
37) 1,2-Dichloropropane	6.22	63	30999	0.876 ug/L	98
38) Bromodichloromethane	6.56	83	40234	0.885 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	38629	0.774 ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	161322	8.697 ug/L	98

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42) Toluene	7.43	91	123493	0.813	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	32033	0.843	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	21397	0.876	ug/L	95
47) Tetrachloroethene	8.02	164	29735	0.854	ug/L	97
48) 2-Hexanone	8.19	43	117231	8.869	ug/L	95
49) Dibromochloromethane	8.29	129	25940	0.843	ug/L	94
50) 1,2-Dibromoethane	8.40	107	19480	0.837	ug/L	88
51) Chlorobenzene	8.92	112	83885	0.845	ug/L	96
52) Ethylbenzene	9.05	91	130254	0.816	ug/L	98
53) m,p-xylene	9.18	106	44495	0.735	ug/L	97
54) o-xylene	9.59	106	44083	0.763	ug/L	96
55) Styrene	9.60	104	69309	0.706	ug/L	98
56) Isopropylbenzene	9.97	105	117392	0.769	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	22748	0.818	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	19868	0.946	ug/L	99
61) Bromoform	9.77	173	14585	0.880	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	66937	0.874	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	67602	0.875	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	63514	0.900	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	3340m	0.838	ug/L	
67) 1,3,5-Trichlorobenzene	12.69	180	52864	0.913	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	38533	0.770	ug/L	98
69) Naphthalene	13.55	128	47263	0.686	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	34889	0.758	ug/L	98

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

