

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013199.D
 Acq On : 18 Oct 2019 11:37
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 12:06:21 PM

Quant Time: Oct 18 12:10:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 11:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	508323	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	526826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	316234	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	255228	4.84	ug/L	0.00
7) Chloroethane-d5	1.58	69	198717	4.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	391379	4.79	ug/L	0.00
20) 2-Butanone-d5	3.97	46	481327	47.44	ug/L	0.00
24) Chloroform-d	4.40	84	484950	4.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	229448	4.82	ug/L	0.00
32) Benzene-d6	5.09	84	985589	5.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	294157	5.06	ug/L	0.00
41) Toluene-d8	7.35	98	931451	5.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	104839	5.24	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	446565	60.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	207406	4.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	317349	4.78	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	296823	4.608 ug/L	99
3) Chloromethane	1.25	50	277335	4.287 ug/L	99
5) Vinyl chloride	1.32	62	256900	4.669 ug/L	98
6) Bromomethane	1.53	94	138083	4.494 ug/L	99
8) Chloroethane	1.60	64	146173	4.633 ug/L	99
9) Trichlorofluoromethane	1.77	101	356642	4.537 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	204148	4.600 ug/L	99
12) 1,1-Dichloroethene	2.14	96	190809	4.520 ug/L	98
13) Acetone	2.23	43	208674m	39.809 ug/L	
14) Carbon disulfide	2.31	76	545352	4.578 ug/L	100
15) Methyl Acetate	2.47	43	64168	4.824 ug/L	96
16) Methylene chloride	2.53	84	253266	4.601 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	520386	4.768 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	250772	4.643 ug/L	99
19) 1,1-Dichloroethane	3.23	63	456864	4.649 ug/L	99
21) 2-Butanone	4.05	43	504768	43.376 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	261107	4.757 ug/L	94
23) Bromochloromethane	4.30	128	113511	4.475 ug/L	99
25) Chloroform	4.42	83	473044	4.390 ug/L	99
27) 1,2-Dichloroethane	5.18	62	264658	4.702 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	386192	4.719 ug/L	99
30) Cyclohexane	4.72	56	406203	5.169 ug/L	99
31) Carbon tetrachloride	4.87	117	345884	4.810 ug/L	98
33) Benzene	5.14	78	1039218	4.959 ug/L	100
34) Trichloroethene	5.96	95	261934	4.770 ug/L	98
35) Methylcyclohexane	6.17	83	419622	5.443 ug/L	99
37) 1,2-Dichloropropane	6.22	63	258199	5.042 ug/L	99
38) Bromodichloromethane	6.55	83	311372	4.713 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	343540	5.260 ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1420157	53.726 ug/L	97

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42) Toluene	7.43	91	1100023	5.219	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	265576	5.209	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	171937	4.754	ug/L	99
47) Tetrachloroethene	8.02	164	232244	4.825	ug/L	99
48) 2-Hexanone	8.18	43	1068895	55.640	ug/L	97
49) Dibromochloromethane	8.29	129	208852	4.935	ug/L	98
50) 1,2-Dibromoethane	8.39	107	158567	4.931	ug/L	96
51) Chlorobenzene	8.92	112	673484	4.860	ug/L	98
52) Ethylbenzene	9.05	91	1133728	5.349	ug/L	100
53) m,p-xylene	9.18	106	438505	5.611	ug/L	97
54) o-xylene	9.58	106	423918	5.527	ug/L	100
55) Styrene	9.60	104	722809	5.764	ug/L	98
56) Isopropylbenzene	9.97	105	1127350	5.643	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	202795	4.844	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	144594	4.819	ug/L	100
61) Bromoform	9.77	173	116978	4.410	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	549594	4.893	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	543996	4.845	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	506800	4.683	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	29982	4.176	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	388439	4.758	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	338221	4.862	ug/L	99
69) Naphthalene	13.55	128	494125	4.793	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	326781	4.600	ug/L	99

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

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