

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080819\
 Data File : VV012131.D
 Acq On : 08 Aug 2019 18:07
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.534

Manual Integrations
 APPROVED

MMDadoda
 8/9/2019 10:10:23 AM

Quant Time: Aug 09 06:25:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 09 06:06:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	114628	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	103875	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	54874	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2179	0.41	ug/L	0.00
7) Chloroethane-d5	1.58	69	1839	0.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	5008	0.46	ug/L	0.00
20) 2-Butanone-d5	3.95	46	4815	3.31	ug/L	0.00
24) Chloroform-d	4.40	84	6683	0.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	3348	0.42	ug/L	0.00
32) Benzene-d6	5.10	84	12136	0.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	3245	0.45	ug/L	0.00
41) Toluene-d8	7.36	98	12569	0.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1692	0.52	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	4406	3.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	2562	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	4807	0.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	5012	0.407 ug/L	99
3) Chloromethane	1.25	50	2417	0.417 ug/L	98
5) Vinyl chloride	1.32	62	2572	0.400 ug/L #	81
6) Bromomethane	1.53	94	1510	0.387 ug/L	91
8) Chloroethane	1.60	64	1614	0.460 ug/L #	75
9) Trichlorofluoromethane	1.77	101	5328	0.430 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2440	0.458 ug/L	93
12) 1,1-Dichloroethene	2.14	96	2047	0.418 ug/L	92
13) Acetone	2.20	43	4418	5.995 ug/L	96
14) Carbon disulfide	2.32	76	5991	0.444 ug/L	99
15) Methyl Acetate	2.46	43	1023	0.609 ug/L #	60
16) Methylene chloride	2.53	84	2955	0.584 ug/L	91
17) Methyl tert-butyl Ether	2.81	73	6731	0.411 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	3288	0.449 ug/L	98
19) 1,1-Dichloroethane	3.23	63	5390	0.423 ug/L	96
21) 2-Butanone	4.04	43	5148	3.536 ug/L	85
22) cis-1,2-Dichloroethene	3.97	96	3523m	0.446 ug/L	
23) Bromochloromethane	4.31	128	1725	0.483 ug/L #	79
25) Chloroform	4.42	83	8000	0.483 ug/L	99
27) 1,2-Dichloroethane	5.18	62	3915	0.422 ug/L #	93
29) 1,1,1-Trichloroethane	4.66	97	5837	0.436 ug/L	99
30) Cyclohexane	4.72	56	4155	0.414 ug/L	98
31) Carbon tetrachloride	4.87	117	5927	0.489 ug/L	96
33) Benzene	5.15	78	11620	0.431 ug/L	100
34) Trichloroethene	5.96	95	3522	0.450 ug/L	93
35) Methylcyclohexane	6.17	83	5959	0.502 ug/L	96
37) 1,2-Dichloropropane	6.22	63	2669	0.430 ug/L #	87
38) Bromodichloromethane	6.55	83	4557	0.487 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	4772	0.487 ug/L	93
40) 4-Methyl-2-pentanone	7.27	43	13193	3.881 ug/L	99

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

42) Toluene	7.43	91	14272	0.480	ug/L	92
44) trans-1,3-Dichloropropene	7.69	75	3252	0.405	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	2007	0.425	ug/L	89
47) Tetrachloroethene	8.02	164	3551	0.489	ug/L	93
48) 2-Hexanone	8.18	43	8623	3.625	ug/L	92
49) Dibromochloromethane	8.29	129	3121	0.493	ug/L	97
50) 1,2-Dibromoethane	8.40	107	2076	0.450	ug/L #	94
51) Chlorobenzene	8.92	112	9846	0.486	ug/L	91
52) Ethylbenzene	9.05	91	15410	0.450	ug/L	99
53) m,p-xylene	9.18	106	6131	0.465	ug/L	91
54) o-xylene	9.59	106	5957	0.470	ug/L	93
55) Styrene	9.60	104	9334	0.436	ug/L	99
56) Isopropylbenzene	9.97	105	16741	0.477	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	2255	0.430	ug/L #	95
59) 1,2,3-Trichloropropane	10.32	75	1831	0.464	ug/L	99
61) Bromoform	9.78	173	1955	0.565	ug/L #	93
62) 1,3-Dichlorobenzene	11.23	146	8605	0.512	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	8605	0.503	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	7603	0.498	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.47	75	546	0.647	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.69	180	7168	0.516	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	5499	0.484	ug/L	95
69) Naphthalene	13.55	128	8647	0.544	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	5559	0.547	ug/L	95

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

