

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013531.D
 Acq On : 08 Nov 2019 09:57
 Operator : SY/MD
 Sample : VSTD0.535
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.535

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 3:33:48 PM

Quant Time: Nov 08 22:00:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 08 21:45:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	486681	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	474538	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	221256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9756	0.44	ug/L	0.00
7) Chloroethane-d5	1.58	69	9247	0.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	19679	0.48	ug/L	0.00
20) 2-Butanone-d5	3.98	46	28205m	3.79	ug/L	0.03
24) Chloroform-d	4.40	84	23764	0.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	13570	0.47	ug/L	0.00
32) Benzene-d6	5.09	84	42423	0.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	15119	0.44	ug/L	0.00
41) Toluene-d8	7.36	98	31762	0.36	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5471	0.40	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	14591	2.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	11238	0.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	17772	0.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	20482	0.431 ug/L	99
3) Chloromethane	1.25	50	18226	0.444 ug/L	95
5) Vinyl chloride	1.32	62	16444	0.418 ug/L	96
6) Bromomethane	1.53	94	8600	0.417 ug/L	90
8) Chloroethane	1.60	64	9397	0.430 ug/L	98
9) Trichlorofluoromethane	1.77	101	22580	0.432 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	13315	0.453 ug/L	93
12) 1,1-Dichloroethene	2.14	96	12240	0.451 ug/L	90
13) Acetone	2.22	43	17241m	4.004 ug/L	
14) Carbon disulfide	2.31	76	35895	0.430 ug/L	99
15) Methyl Acetate	2.46	43	5383	0.416 ug/L	98
16) Methylene chloride	2.53	84	19109	0.496 ug/L	94
17) Methyl tert-butyl Ether	2.80	73	30726	0.410 ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	14493	0.414 ug/L	94
19) 1,1-Dichloroethane	3.23	63	27394	0.414 ug/L	96
21) 2-Butanone	4.05	43	23384	2.857 ug/L	77
22) cis-1,2-Dichloroethene	3.96	96	14184	0.390 ug/L #	82
23) Bromochloromethane	4.30	128	6920	0.422 ug/L	94
25) Chloroform	4.42	83	35272	0.506 ug/L	92
27) 1,2-Dichloroethane	5.18	62	15806	0.406 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	23957	0.420 ug/L	98
30) Cyclohexane	4.72	56	20423	0.345 ug/L #	97
31) Carbon tetrachloride	4.87	117	20587	0.402 ug/L	95
33) Benzene	5.14	78	51033	0.357 ug/L	100
34) Trichloroethene	5.96	95	15625	0.406 ug/L	97
35) Methylcyclohexane	6.17	83	20776	0.348 ug/L	93
37) 1,2-Dichloropropane	6.22	63	13092	0.365 ug/L	98
38) Bromodichloromethane	6.55	83	18617	0.405 ug/L #	98
39) cis-1,3-Dichloropropene	7.07	75	16594	0.343 ug/L	95
40) 4-Methyl-2-pentanone	7.27	43	63625	3.141 ug/L	99

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42) Toluene	7.43	91	50546	0.342	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	13342	0.345	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	9120	0.369	ug/L	93
47) Tetrachloroethene	8.02	164	14321	0.419	ug/L	98
48) 2-Hexanone	8.19	43	42426	2.996	ug/L	95
49) Dibromochloromethane	8.29	129	12070	0.395	ug/L	96
50) 1,2-Dibromoethane	8.39	107	7943	0.344	ug/L #	93
51) Chlorobenzene	8.92	112	39135	0.401	ug/L	98
52) Ethylbenzene	9.05	91	54449	0.344	ug/L	96
53) m,p-xylene	9.18	106	19494	0.328	ug/L	86
54) o-xylene	9.59	106	17767	0.316	ug/L	96
55) Styrene	9.60	104	28759	0.302	ug/L	95
56) Isopropylbenzene	9.97	105	47884	0.312	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	10362	0.396	ug/L #	95
59) 1,2,3-Trichloropropane	10.32	75	7240	0.346	ug/L #	83
61) Bromoform	9.78	173	6517	0.418	ug/L	93
62) 1,3-Dichlorobenzene	11.22	146	29047	0.410	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	28879	0.413	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	27066	0.424	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	1407	0.412	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.69	180	23023	0.425	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	17178	0.418	ug/L	98
69) Naphthalene	13.55	128	18865	0.340	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	15046	0.392	ug/L	99

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

