

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041319\
 Data File : VV010318.D
 Acq On : 13 Apr 2019 11:42
 Operator : SY/MD
 Sample : VSTD0.532
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.532

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 12:43:15 AM

Quant Time: Apr 13 13:05:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR041319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 13 12:55:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143878	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	137094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65744	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3994	0.23	ug/L	0.00
7) Chloroethane-d5	1.58	69	4125m	0.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	11008	0.27	ug/L	0.00
20) 2-Butanone-d5	3.99	46	8924m	4.43	ug/L	0.04
24) Chloroform-d	4.41	84	8800	0.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	4877	0.58	ug/L	0.00
32) Benzene-d6	5.10	84	16072	0.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	5710	0.54	ug/L	0.00
41) Toluene-d8	7.36	98	14644	0.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1328	0.34	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	6198	3.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	4051	0.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	5765	0.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	7128	0.549 ug/L	99
3) Chloromethane	1.25	50	5662	0.299 ug/L	98
5) Vinyl chloride	1.32	62	6298	0.302 ug/L	94
6) Bromomethane	1.54	94	4197	0.329 ug/L	95
8) Chloroethane	1.60	64	3910	0.270 ug/L	88
9) Trichlorofluoromethane	1.77	101	13095	0.300 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6706	0.310 ug/L	97
12) 1,1-Dichloroethene	2.14	96	5394	0.281 ug/L	96
13) Acetone	2.25	43	5994m	2.300 ug/L	
14) Carbon disulfide	2.32	76	13848	0.261 ug/L	97
15) Methyl Acetate	2.47	43	1340	0.216 ug/L #	76
16) Methylene chloride	2.54	84	7635	0.352 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	12879	0.291 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	6369	0.309 ug/L	75
19) 1,1-Dichloroethane	3.23	63	10668	0.298 ug/L #	95
21) 2-Butanone	4.09	43	8590m	4.194 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	5160	0.517 ug/L	78
23) Bromochloromethane	4.30	128	2272m	0.562 ug/L	
25) Chloroform	4.43	83	9337	0.536 ug/L	93
27) 1,2-Dichloroethane	5.19	62	5053	0.476 ug/L #	90
29) 1,1,1-Trichloroethane	4.66	97	7319	0.495 ug/L	92
30) Cyclohexane	4.72	56	6364	0.415 ug/L	92
31) Carbon tetrachloride	4.87	117	7284	0.572 ug/L	95
33) Benzene	5.14	78	18108	0.470 ug/L	100
34) Trichloroethene	5.96	95	5736	0.589 ug/L	93
35) Methylcyclohexane	6.17	83	7709	0.462 ug/L	93
37) 1,2-Dichloropropane	6.22	63	4145	0.431 ug/L #	94
38) Bromodichloromethane	6.56	83	5053	0.444 ug/L #	90
39) cis-1,3-Dichloropropene	7.07	75	4941	0.380 ug/L	88
40) 4-Methyl-2-pentanone	7.29	43	20840	3.706 ug/L #	88

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42) Toluene	7.43	91	19071	0.438	ug/L	94
44) trans-1,3-Dichloropropene	7.70	75	3808	0.366	ug/L #	82
45) 1,1,2-Trichloroethane	7.89	97	3633	0.555	ug/L #	80
47) Tetrachloroethene	8.02	164	4575	0.544	ug/L	82
48) 2-Hexanone	8.20	43	12186	3.080	ug/L #	93
49) Dibromochloromethane	8.29	129	3440	0.454	ug/L	94
50) 1,2-Dibromoethane	8.40	107	2767	0.452	ug/L #	88
51) Chlorobenzene	8.93	112	12713	0.456	ug/L	99
52) Ethylbenzene	9.05	91	19234	0.401	ug/L	94
53) m,p-xylene	9.19	106	6936	0.380	ug/L	88
54) o-xylene	9.59	106	6974	0.391	ug/L	85
55) Styrene	9.61	104	10194	0.352	ug/L	95
56) Isopropylbenzene	9.97	105	16833	0.358	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.29	83	3353	0.413	ug/L #	87
59) 1,2,3-Trichloropropane	10.32	75	2676	0.479	ug/L	99
61) Bromoform	9.77	173	2006	0.577	ug/L #	94
62) 1,3-Dichlorobenzene	11.23	146	10079	0.482	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	9651	0.456	ug/L	91
65) 1,2-Dichlorobenzene	11.69	146	9566	0.486	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	424	0.403	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	7427	0.469	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	4598	0.387	ug/L	89
69) Naphthalene	13.56	128	3860	0.207	ug/L	96
70) 1,2,3-Trichlorobenzene	13.80	180	4010	0.364	ug/L	95

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

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