

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010511.D
 Acq On : 26 Apr 2019 19:06
 Operator : SY/MD
 Sample : VSTD0.534
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.534

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 11:05:54 AM

Quant Time: Apr 26 22:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 26 22:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	210737	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	99974	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4838	0.40	ug/L	0.00
7) Chloroethane-d5	1.57	69	3069	0.37	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.13	63	8403	0.36	ug/L	0.00
20) 2-Butanone-d5	3.95	46	10673	3.97	ug/L	0.00
24) Chloroform-d	4.40	84	11812	0.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	5256	0.40	ug/L	0.00
32) Benzene-d6	5.10	84	21304	0.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	6621	0.44	ug/L	0.00
41) Toluene-d8	7.36	98	17876	0.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2275	0.38	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	8596	3.64	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	5214	0.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	8317	0.44	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	7750	0.466 ug/L	96
3) Chloromethane	1.25	50	6323	0.498 ug/L	98
5) Vinyl chloride	1.32	62	5287	0.382 ug/L	99
6) Bromomethane	1.51	94	2674	0.309 ug/L	90
8) Chloroethane	1.59	64	2627	0.358 ug/L #	59
9) Trichlorofluoromethane	1.76	101	9893	0.381 ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5180	0.385 ug/L	97
12) 1,1-Dichloroethene	2.14	96	4803	0.393 ug/L	93
13) Acetone	2.19	43	6633	4.325 ug/L	93
14) Carbon disulfide	2.31	76	11850	0.362 ug/L #	95
15) Methyl Acetate	2.46	43	2653	0.640 ug/L	97
16) Methylene chloride	2.53	84	8376	0.581 ug/L	88
17) Methyl tert-butyl Ether	2.81	73	12815	0.428 ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	6530	0.462 ug/L	92
19) 1,1-Dichloroethane	3.23	63	11200	0.493 ug/L	97
21) 2-Butanone	4.03	43	12104	4.389 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	6944	0.472 ug/L	95
23) Bromochloromethane	4.31	128	3409	0.518 ug/L	85
25) Chloroform	4.43	83	12450	0.472 ug/L	84
27) 1,2-Dichloroethane	5.18	62	6519	0.420 ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	10781	0.433 ug/L	98
30) Cyclohexane	4.72	56	7126	0.347 ug/L	95
31) Carbon tetrachloride	4.88	117	9944	0.437 ug/L	96
33) Benzene	5.15	78	21683	0.395 ug/L	100
34) Trichloroethene	5.96	95	6826	0.432 ug/L	93
35) Methylcyclohexane	6.17	83	7586	0.332 ug/L #	88
37) 1,2-Dichloropropane	6.22	63	5441	0.407 ug/L #	97
38) Bromodichloromethane	6.56	83	8043	0.449 ug/L #	88
39) cis-1,3-Dichloropropene	7.07	75	6649	0.341 ug/L	94
40) 4-Methyl-2-pentanone	7.27	43	26074	3.480 ug/L	97

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

42) Toluene	7.43	91	23469	0.374	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	5406	0.357	ug/L	84
45) 1,1,2-Trichloroethane	7.88	97	4947	0.495	ug/L	91
47) Tetrachloroethene	8.02	164	6245	0.435	ug/L	92
48) 2-Hexanone	8.18	43	18097	3.471	ug/L	95
49) Dibromochloromethane	8.29	129	5143	0.400	ug/L	99
50) 1,2-Dibromoethane	8.40	107	4326	0.450	ug/L #	95
51) Chlorobenzene	8.93	112	17773	0.416	ug/L	97
52) Ethylbenzene	9.05	91	23714	0.346	ug/L	94
53) m,p-xylene	9.18	106	8788	0.328	ug/L	95
54) o-xylene	9.59	106	8577	0.323	ug/L	85
55) Styrene	9.60	104	13630	0.314	ug/L	96
56) Isopropylbenzene	9.97	105	23139	0.330	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	4957	0.433	ug/L #	92
59) 1,2,3-Trichloropropane	10.32	75	3385	0.409	ug/L	96
61) Bromoform	9.78	173	2817	0.463	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	12827	0.412	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	14604	0.464	ug/L	92
65) 1,2-Dichlorobenzene	11.69	146	13531	0.454	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	810m	0.488	ug/L	
67) 1,3,5-Trichlorobenzene	12.69	180	10581	0.413	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	7856	0.403	ug/L	98
69) Naphthalene	13.55	128	11661	0.399	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	7730	0.411	ug/L	97

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

