

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072919\
 Data File : VV012056.D
 Acq On : 29 Jul 2019 11:09
 Operator : SY/MD
 Sample : VSTD0.532
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5321

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 10:58:24 AM

Quant Time: Jul 30 08:21:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 30 08:12:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	175280	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	166614	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	84306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4775	0.47	ug/L	0.00
7) Chloroethane-d5	1.59	69	3283	0.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	8909	0.49	ug/L	0.00
20) 2-Butanone-d5	3.97	46	10225	4.23	ug/L	0.00
24) Chloroform-d	4.40	84	10477	0.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	5172	0.42	ug/L	0.00
32) Benzene-d6	5.10	84	19383	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	5226	0.42	ug/L	0.00
41) Toluene-d8	7.36	98	17301	0.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2116	0.38	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	7800	3.98	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.26	84	4134	0.44	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	7095	0.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	9418	0.464 ug/L	98
3) Chloromethane	1.25	50	5644	0.504 ug/L	96
5) Vinyl chloride	1.32	62	5837	0.505 ug/L	95
6) Bromomethane	1.54	94	3367	0.479 ug/L	98
8) Chloroethane	1.60	64	3304	0.535 ug/L	89
9) Trichlorofluoromethane	1.77	101	9654	0.494 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4447	0.536 ug/L	96
12) 1,1-Dichloroethene	2.14	96	4173	0.546 ug/L	99
13) Acetone	2.23	43	7211	6.173 ug/L	93
14) Carbon disulfide	2.32	76	11605	0.538 ug/L #	93
15) Methyl Acetate	2.47	43	1558	0.682 ug/L #	88
16) Methylene chloride	2.54	84	4920	0.637 ug/L	88
17) Methyl tert-butyl Ether	2.81	73	11972	0.485 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	5872	0.525 ug/L	91
19) 1,1-Dichloroethane	3.23	63	10383	0.506 ug/L	89
21) 2-Butanone	4.05	43	11802m	4.899 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	6044	0.507 ug/L	99
23) Bromochloromethane	4.31	128	2715	0.512 ug/L	75
25) Chloroform	4.43	83	13705	0.536 ug/L	96
27) 1,2-Dichloroethane	5.18	62	6916	0.500 ug/L #	94
29) 1,1,1-Trichloroethane	4.66	97	9667	0.471 ug/L	93
30) Cyclohexane	4.72	56	8307	0.470 ug/L	99
31) Carbon tetrachloride	4.87	117	8684	0.463 ug/L	100
33) Benzene	5.14	78	22153	0.484 ug/L	100
34) Trichloroethene	5.96	95	6619	0.521 ug/L	96
35) Methylcyclohexane	6.17	83	9914	0.494 ug/L	99
37) 1,2-Dichloropropane	6.22	63	4698	0.445 ug/L #	94
38) Bromodichloromethane	6.55	83	7066	0.473 ug/L	90
39) cis-1,3-Dichloropropene	7.07	75	6942	0.413 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	26569	4.414 ug/L	98

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42) Toluene	7.43	91	23353	0.451	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	5766	0.426	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	4008	0.503	ug/L	95
47) Tetrachloroethene	8.02	164	5072	0.432	ug/L	79
48) 2-Hexanone	8.19	43	18972	4.394	ug/L	95
49) Dibromochloromethane	8.29	129	4111	0.410	ug/L	87
50) 1,2-Dibromoethane	8.40	107	3408	0.453	ug/L #	89
51) Chlorobenzene	8.92	112	16558	0.495	ug/L	97
52) Ethylbenzene	9.05	91	25730	0.443	ug/L	94
53) m,p-xylene	9.18	106	9496	0.414	ug/L	95
54) o-xylene	9.59	106	8946	0.423	ug/L	91
55) Styrene	9.60	104	14504	0.400	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.29	83	4082	0.473	ug/L #	98
59) Bromoform	9.77	173	2526	0.520	ug/L	94
60) Isopropylbenzene	9.97	105	26189	0.493	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	3157	0.528	ug/L	97
62) 1,3,5-Trimethylbenzene	10.58	105	19167	0.429	ug/L	99
63) 1,2,4-Trimethylbenzene	10.96	105	19037	0.420	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	14021	0.541	ug/L	96
65) 1,4-Dichlorobenzene	11.32	146	14641	0.550	ug/L	92
67) 1,2-Dichlorobenzene	11.69	146	12627	0.532	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.47	75	557	0.441	ug/L	84
69) 1,3,5-Trichlorobenzene	12.69	180	11756	0.559	ug/L	92
70) 1,2,4-trichlorobenzene	13.31	180	8805	0.530	ug/L	97
71) Naphthalene	13.55	128	11612	0.518	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	7657	0.513	ug/L	98

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

