

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073119\
 Data File : VV012075.D
 Acq On : 30 Jul 2019 17:38
 Operator : SY/MD
 Sample : VSTD00134
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00134

Manual Integrations
 APPROVED

MMdadoda
 8/1/2019 9:58:06 AM

Quant Time: Jul 31 04:49:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 31 04:32:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	114276	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	109391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	59084	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5652	0.96	ug/L	0.00
7) Chloroethane-d5	1.59	69	4256	0.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	11073	0.94	ug/L	0.00
20) 2-Butanone-d5	3.99	46	14801m	8.68	ug/L	0.01
24) Chloroform-d	4.40	84	14834	0.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	8073	1.00	ug/L	0.00
32) Benzene-d6	5.10	84	27746	0.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	7719	0.90	ug/L	0.00
41) Toluene-d8	7.36	98	25214	0.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3056	0.86	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	10872	7.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	5644	0.91	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	10698	0.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11744	0.986	ug/L 96
3) Chloromethane	1.25	50	5487	0.828	ug/L 100
5) Vinyl chloride	1.32	62	6137	0.897	ug/L 91
6) Bromomethane	1.54	94	3560	0.870	ug/L 89
8) Chloroethane	1.60	64	3440	0.854	ug/L 93
9) Trichlorofluoromethane	1.77	101	11207	0.873	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4897	0.850	ug/L 98
12) 1,1-Dichloroethene	2.14	96	4462	0.867	ug/L 89
13) Acetone	2.23	43	7610	8.463	ug/L 65
14) Carbon disulfide	2.32	76	11738	0.807	ug/L 100
15) Methyl Acetate	2.47	43	1772m	0.891	ug/L
16) Methylene chloride	2.54	84	4728	0.815	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	13994	0.801	ug/L 94
18) trans-1,2-Dichloroethene	2.79	96	6659	0.841	ug/L 87
19) 1,1-Dichloroethane	3.23	63	12053	0.860	ug/L 95
21) 2-Butanone	4.07	43	13258m	7.712	ug/L
22) cis-1,2-Dichloroethene	3.96	96	6981	0.817	ug/L 96
23) Bromochloromethane	4.30	128	3232	0.909	ug/L # 94
25) Chloroform	4.43	83	15985	0.928	ug/L 99
27) 1,2-Dichloroethane	5.19	62	8711	0.912	ug/L 96
29) 1,1,1-Trichloroethane	4.66	97	12559	0.905	ug/L 96
30) Cyclohexane	4.72	56	9168	0.722	ug/L 98
31) Carbon tetrachloride	4.87	117	10818	0.863	ug/L 99
33) Benzene	5.15	78	24852	0.794	ug/L 100
34) Trichloroethene	5.96	95	7499	0.855	ug/L 94
35) Methylcyclohexane	6.17	83	10598	0.781	ug/L 98
37) 1,2-Dichloropropane	6.22	63	5932	0.795	ug/L # 96
38) Bromodichloromethane	6.56	83	8445	0.834	ug/L 89
39) cis-1,3-Dichloropropene	7.07	75	8464	0.758	ug/L 94
40) 4-Methyl-2-pentanone	7.28	43	30354	7.357	ug/L 99

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

42) Toluene	7.43	91	26511	0.787	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	6822	0.766	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	4480	0.859	ug/L	94
47) Tetrachloroethene	8.02	164	6643	0.869	ug/L	97
48) 2-Hexanone	8.19	43	21028	7.314	ug/L	93
49) Dibromochloromethane	8.29	129	5190	0.800	ug/L	93
50) 1,2-Dibromoethane	8.40	107	4302	0.870	ug/L #	96
51) Chlorobenzene	8.92	112	19210	0.865	ug/L	96
52) Ethylbenzene	9.05	91	30147	0.783	ug/L	95
53) m,p-xylene	9.18	106	11882	0.813	ug/L	89
54) o-xylene	9.59	106	10502	0.753	ug/L	96
55) Styrene	9.60	104	18508	0.790	ug/L	96
56) Isopropylbenzene	9.97	105	29858	0.769	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	5039	0.887	ug/L #	90
59) 1,2,3-Trichloropropane	10.32	75	3821	0.876	ug/L	98
61) Bromoform	9.77	173	3100	0.873	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	16439	0.866	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	16996	0.870	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	14727	0.848	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	688	0.673	ug/L #	55
67) 1,3,5-Trichlorobenzene	12.69	180	12595	0.791	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	9795	0.764	ug/L	99
69) Naphthalene	13.55	128	11987	0.634	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	8804	0.761	ug/L	97

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

