

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022819\
 Data File : VV009414.D
 Acq On : 28 Feb 2019 10:35
 Operator : SY/MD
 Sample : VSTD0.561
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Quant Time: Mar 01 03:27:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 03:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	115829	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	109841	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3393	0.54	ug/L	0.00
7) Chloroethane-d5	1.58	69	3251	0.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	8280	0.64	ug/L	0.00
20) 2-Butanone-d5	3.96	46	4819	3.24	ug/L	0.00
24) Chloroform-d	4.40	84	5914	0.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	2844	0.42	ug/L	0.00
32) Benzene-d6	5.10	84	11193	0.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	3578	0.43	ug/L	0.00
41) Toluene-d8	7.36	98	11968	0.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	1600	0.50	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	4706	3.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	2626	0.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	4059	0.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	4140	0.401 ug/L	94
3) Chloromethane	1.25	50	4424	0.594 ug/L	100
5) Vinyl chloride	1.32	62	4517	0.584 ug/L #	67
6) Bromomethane	1.54	94	3415	0.729 ug/L	98
8) Chloroethane	1.60	64	3125	0.687 ug/L	97
9) Trichlorofluoromethane	1.77	101	8389	0.628 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4516	0.637 ug/L #	91
12) 1,1-Dichloroethene	2.14	96	4138	0.669 ug/L	95
13) Acetone	2.21	43	5726	6.312 ug/L	82
14) Carbon disulfide	2.32	76	13632	0.712 ug/L	97
15) Methyl Acetate	2.47	43	1508	0.709 ug/L	91
16) Methylene chloride	2.54	84	5758	0.858 ug/L	91
17) Methyl tert-butyl Ether	2.81	73	10756	0.699 ug/L #	95
18) trans-1,2-Dichloroethene	2.79	96	4583	0.678 ug/L	97
19) 1,1-Dichloroethane	3.23	63	6451	0.480 ug/L	98
21) 2-Butanone	4.06	43	7557	4.857 ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	4537	0.544 ug/L	71
23) Bromochloromethane	4.30	128	1698	0.481 ug/L #	94
25) Chloroform	4.43	83	7848	0.539 ug/L	99
27) 1,2-Dichloroethane	5.18	62	4198	0.505 ug/L #	93
29) 1,1,1-Trichloroethane	4.65	97	6939	0.537 ug/L	94
30) Cyclohexane	4.72	56	7007	0.563 ug/L	99
31) Carbon tetrachloride	4.87	117	5807	0.507 ug/L	90
33) Benzene	5.15	78	15643	0.507 ug/L	100
34) Trichloroethene	5.96	95	4811	0.537 ug/L	89
35) Methylcyclohexane	6.17	83	7689	0.545 ug/L	98
37) 1,2-Dichloropropane	6.23	63	3818	0.508 ug/L #	88
38) Bromodichloromethane	6.56	83	5138	0.536 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	6113	0.562 ug/L	88
40) 4-Methyl-2-pentanone	7.29	43	21227	5.499 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	17592	0.522	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	4355	0.518	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	2741	0.514	ug/L	98
47) Tetrachloroethene	8.02	164	3601	0.506	ug/L	97
48) 2-Hexanone	8.20	43	12751	4.700	ug/L	96
49) Dibromochloromethane	8.29	129	3395	0.536	ug/L	99
50) 1,2-Dibromoethane	8.40	107	2507	0.501	ug/L #	97
51) Chlorobenzene	8.93	112	11639	0.524	ug/L	98
52) Ethylbenzene	9.05	91	20188	0.543	ug/L	96
53) m,p-xylene	9.18	106	7851	0.550	ug/L	91
54) o-xylene	9.59	106	7508	0.548	ug/L	92
55) Styrene	9.60	104	11960	0.534	ug/L	89
56) Isopropylbenzene	9.97	105	19951	0.542	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	3180	0.573	ug/L	90
59) 1,2,3-Trichloropropane	10.32	75	2252	0.502	ug/L	97
61) Bromoform	9.77	173	1720	0.547	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	8975	0.529	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	8828	0.515	ug/L	88
65) 1,2-Dichlorobenzene	11.69	146	7908	0.509	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	401	0.479	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	6188	0.497	ug/L	95
68) 1,2,4-trichlorobenzene	13.32	180	4029	0.432	ug/L	99
69) Naphthalene	13.56	128	6577	0.475	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	3947	0.456	ug/L	91

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

