

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101119\
 Data File : VR026660.D
 Acq On : 11 Oct 2019 10:34
 Operator : SY/MD
 Sample : VSTD00166
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00166

Quant Time: Oct 14 05:48:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 05:32:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	215197	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	170669	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	84816	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.19	65	13531	1.09	ug/L	0.00
7) Chloroethane-d5	2.65	69	11349	1.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	29500	0.95	ug/L	0.00
20) 2-Butanone-d5	6.62	46	14987	8.74	ug/L	0.00
24) Chloroform-d	7.23	84	38934	1.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	12110	0.89	ug/L	0.00
32) Benzene-d6	7.87	84	74294	1.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	18281	0.98	ug/L	0.00
41) Toluene-d8	9.98	98	54689	0.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	4492	0.90	ug/L	0.00
46) 2-Hexanone-d5	10.61	63	9705	7.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.38	84	8295	0.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	13836	0.85	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	37095	1.069 ug/L	97
3) Chloromethane	2.05	50	16749	0.940 ug/L #	77
5) Vinyl chloride	2.21	62	18231	1.070 ug/L	93
6) Bromomethane	2.54	94	11301	1.000 ug/L	87
8) Chloroethane	2.68	64	9221	0.930 ug/L	99
9) Trichlorofluoromethane	2.98	101	33555	1.043 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	14680	1.078 ug/L #	76
12) 1,1-Dichloroethene	3.66	96	12793	0.996 ug/L	89
13) Acetone	3.74	43	11702m	9.374 ug/L	
14) Carbon disulfide	3.96	76	79942	0.911 ug/L #	92
15) Methyl Acetate	4.23	43	4600	0.873 ug/L	95
16) Methylene chloride	4.43	84	26719	0.989 ug/L	99
17) Methyl tert-butyl Ether	4.93	73	18210	0.799 ug/L #	92
18) trans-1,2-Dichloroethene	4.91	96	24695	0.991 ug/L	93
19) 1,1-Dichloroethane	5.72	63	43098	0.997 ug/L	93
21) 2-Butanone	6.72	43	18802	9.386 ug/L	100
22) cis-1,2-Dichloroethene	6.70	96	17938	0.793 ug/L #	95
23) Bromochloromethane	7.08	128	5887	0.896 ug/L #	89
25) Chloroform	7.25	83	44993	1.056 ug/L	92
27) 1,2-Dichloroethane	8.01	62	16053	0.985 ug/L #	95
29) 1,1,1-Trichloroethane	7.46	97	31051	1.009 ug/L	98
30) Cyclohexane	7.54	56	36445	1.042 ug/L	98
31) Carbon tetrachloride	7.65	117	28769	1.006 ug/L	97
33) Benzene	7.93	78	89102	1.014 ug/L	100
34) Trichloroethene	8.72	95	23228	1.006 ug/L	91
35) Methylcyclohexane	8.97	83	38353	1.114 ug/L	96
37) 1,2-Dichloropropane	9.01	63	16996	0.969 ug/L #	92
38) Bromodichloromethane	9.30	83	18652	0.947 ug/L #	98
39) cis-1,3-Dichloropropene	9.74	75	15312	0.793 ug/L	92
40) 4-Methyl-2-pentanone	9.88	43	36678	8.824 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.05	91	79867	1.023	ug/L	96
44) trans-1,3-Dichloropropene	10.28	75	11439	0.907	ug/L #	69
45) 1,1,2-Trichloroethane	10.46	97	8328	1.005	ug/L	98
47) Tetrachloroethene	10.52	164	14691	1.025	ug/L	76
48) 2-Hexanone	10.65	43	25321	9.081	ug/L	96
49) Dibromochloromethane	10.79	129	8354	0.945	ug/L	79
50) 1,2-Dibromoethane	10.90	107	6142	0.895	ug/L #	98
51) Chlorobenzene	11.33	112	45420	0.978	ug/L	99
52) Ethylbenzene	11.41	91	84167	0.975	ug/L	94
53) m,p-Xylene	11.52	106	29621	0.930	ug/L	98
54) o-Xylene	11.84	106	27209	0.933	ug/L	97
55) Styrene	11.86	104	38837	0.922	ug/L	97
56) Isopropylbenzene	12.14	105	79604	0.928	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	8658	0.994	ug/L	94
59) 1,2,3-Trichloropropane	12.45	75	6451	0.990	ug/L #	88
61) Bromoform	12.02	173	3381	0.928	ug/L #	95
62) 1,3-Dichlorobenzene	13.18	146	29635	0.920	ug/L	94
63) 1,4-Dichlorobenzene	13.26	146	30795	0.940	ug/L	96
65) 1,2-Dichlorobenzene	13.55	146	25505	0.919	ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.16	75	1033	0.651	ug/L #	78
67) 1,3,5-Trichlorobenzene	14.31	180	22279	0.901	ug/L	94
68) 1,2,4-trichlorobenzene	14.80	180	13940	0.736	ug/L	99
69) Naphthalene	15.02	128	13549	0.633	ug/L	95
70) 1,2,3-Trichlorobenzene	15.20	180	13360	0.789	ug/L	97

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

