

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091019\
 Data File : VR026613.D
 Acq On : 10 Sep 2019 17:45
 Operator : SY/MD
 Sample : VSTD02066
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD02066

Quant Time: Sep 11 07:38:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 11 07:33:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	491974	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	356657	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	155420	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.18	65	275431	17.96	ug/L	0.01
7) Chloroethane-d5	2.63	69	227187	18.93	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	677096	21.11	ug/L	0.00
20) 2-Butanone-d5	6.61	46	662178	195.20	ug/L	0.00
24) Chloroform-d	7.22	84	986991	20.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	317117	21.40	ug/L	-0.01
32) Benzene-d6	7.87	84	1960179	19.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.91	67	537274	20.32	ug/L	0.00
41) Toluene-d8	9.99	98	1560132	19.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	133543	20.16	ug/L	0.00
46) 2-Hexanone-d5	10.60	63	414691	182.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.38	84	238390	20.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	385019	17.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	929453	26.212 ug/L	100
3) Chloromethane	2.06	50	539598	22.730 ug/L	98
5) Vinyl chloride	2.18	62	518388	23.517 ug/L	92
6) Bromomethane	2.53	94	284094	20.750 ug/L	95
8) Chloroethane	2.66	64	280944	22.542 ug/L	95
9) Trichlorofluoromethane	2.98	101	764294	23.594 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	341817	21.861 ug/L	98
12) 1,1-Dichloroethene	3.66	96	361531	22.618 ug/L	90
13) Acetone	3.72	43	357947	241.295 ug/L	98
14) Carbon disulfide	3.96	76	2089367	22.399 ug/L	99
15) Methyl Acetate	4.22	43	160235	22.867 ug/L	98
16) Methylene chloride	4.43	84	685487	20.415 ug/L	98
17) Methyl tert-butyl Ether	4.92	73	894498	23.105 ug/L	98
18) trans-1,2-Dichloroethene	4.91	96	776462	21.816 ug/L	97
19) 1,1-Dichloroethane	5.72	63	1487902	23.995 ug/L	98
21) 2-Butanone	6.71	43	820904	245.712 ug/L	97
22) cis-1,2-Dichloroethene	6.70	96	781825	22.823 ug/L	94
23) Bromochloromethane	7.08	128	200620	20.861 ug/L	85
25) Chloroform	7.25	83	1277230	22.240 ug/L	98
27) 1,2-Dichloroethane	8.01	62	493179	24.733 ug/L	98
29) 1,1,1-Trichloroethane	7.45	97	1061771	24.429 ug/L	98
30) Cyclohexane	7.54	56	1284257	20.546 ug/L	99
31) Carbon tetrachloride	7.65	117	893273	23.529 ug/L	100
33) Benzene	7.93	78	2969625	22.132 ug/L	100
34) Trichloroethene	8.73	95	755714	23.166 ug/L	96
35) Methylcyclohexane	8.97	83	1148658	20.294 ug/L	99
37) 1,2-Dichloropropane	9.01	63	619958	23.304 ug/L	99
38) Bromodichloromethane	9.30	83	673628	25.540 ug/L	# 99
39) cis-1,3-Dichloropropene	9.73	75	766700	25.987 ug/L	96
40) 4-Methyl-2-pentanone	9.88	43	1816167	240.591 ug/L	99

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42) Toluene	10.05	91	2703216	22.517	ug/L	95
44) trans-1,3-Dichloropropene	10.28	75	483242	25.953	ug/L	98
45) 1,1,2-Trichloroethane	10.46	97	269417	24.934	ug/L	99
47) Tetrachloroethene	10.53	164	431854	21.966	ug/L	95
48) 2-Hexanone	10.65	43	1090680	244.848	ug/L	99
49) Dibromochloromethane	10.80	129	300215	25.461	ug/L	93
50) 1,2-Dibromoethane	10.90	107	225489	22.925	ug/L #	97
51) Chlorobenzene	11.33	112	1481967	23.850	ug/L	99
52) Ethylbenzene	11.41	91	2985773	23.381	ug/L	97
53) m,p-Xylene	11.52	106	1107978	23.420	ug/L	97
54) o-Xylene	11.84	106	1038566	22.316	ug/L	96
55) Styrene	11.86	104	1489090	23.179	ug/L	99
56) Isopropylbenzene	12.15	105	2930329	22.376	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.40	83	284332	23.578	ug/L	96
59) 1,2,3-Trichloropropane	12.45	75	202550	23.669	ug/L	98
61) Bromoform	12.03	173	125586	23.311	ug/L	97
62) 1,3-Dichlorobenzene	13.18	146	1005057	22.215	ug/L	98
63) 1,4-Dichlorobenzene	13.26	146	947748	22.035	ug/L	98
65) 1,2-Dichlorobenzene	13.55	146	826091	22.023	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.16	75	41500	11.881	ug/L	95
67) 1,3,5-Trichlorobenzene	14.31	180	835477	20.586	ug/L	99
68) 1,2,4-trichlorobenzene	14.80	180	624460	20.660	ug/L	98
69) Naphthalene	15.02	128	933694	20.366	ug/L	99
70) 1,2,3-Trichlorobenzene	15.20	180	498461	19.752	ug/L	99

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

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