

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091019\
 Data File : VR026610.D
 Acq On : 10 Sep 2019 16:09
 Operator : SY/MD
 Sample : VSTD00163
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00163

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:18:20 AM

Quant Time: Sep 11 07:46:16 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	472581	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	353866	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	157712	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.18	65	13688	0.93	ug/L	0.01
7) Chloroethane-d5	2.65	69	11662m	1.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.63	63	33922	1.10	ug/L	0.00
20) 2-Butanone-d5	6.62	46	30065	9.23	ug/L	0.00
24) Chloroform-d	7.22	84	52165	1.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	16610	1.17	ug/L	-0.01
32) Benzene-d6	7.88	84	97652	0.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	26610	1.01	ug/L	0.00
41) Toluene-d8	9.99	98	73184	0.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	5550	0.84	ug/L	0.00
46) 2-Hexanone-d5	10.61	63	16782	7.46	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.37	84	12008	1.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	20863	0.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.86	85	45542	1.337 ug/L #	85
3) Chloromethane	2.06	50	29634	1.300 ug/L	100
5) Vinyl chloride	2.19	62	28317	1.337 ug/L	86
6) Bromomethane	2.53	94	16948	1.289 ug/L	85
8) Chloroethane	2.68	64	15574	1.301 ug/L	87
9) Trichlorofluoromethane	2.98	101	41136	1.322 ug/L #	60
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	17586	1.171 ug/L #	89
12) 1,1-Dichloroethene	3.64	96	19213	1.251 ug/L	87
13) Acetone	3.74	43	21277	14.932 ug/L	95
14) Carbon disulfide	3.98	76	56359	0.629 ug/L	99
15) Methyl Acetate	4.23	43	9055	1.345 ug/L	100
16) Methylene chloride	4.43	84	41355	1.282 ug/L	87
17) Methyl tert-butyl Ether	4.93	73	46231	1.243 ug/L	98
18) trans-1,2-Dichloroethene	4.92	96	41158	1.204 ug/L	95
19) 1,1-Dichloroethane	5.72	63	79712	1.338 ug/L	95
21) 2-Butanone	6.72	43	40443	12.602 ug/L	97
22) cis-1,2-Dichloroethene	6.70	96	38662	1.175 ug/L #	86
23) Bromochloromethane	7.06	128	11341	1.228 ug/L #	84
25) Chloroform	7.26	83	73718	1.336 ug/L	92
27) 1,2-Dichloroethane	8.02	62	26285	1.372 ug/L #	92
29) 1,1,1-Trichloroethane	7.45	97	52062	1.207 ug/L	95
30) Cyclohexane	7.53	56	59205	0.955 ug/L	96
31) Carbon tetrachloride	7.66	117	44051	1.169 ug/L	99
33) Benzene	7.93	78	163476	1.228 ug/L	100
34) Trichloroethene	8.73	95	39765	1.229 ug/L	98
35) Methylcyclohexane	8.97	83	55137	0.982 ug/L	97
37) 1,2-Dichloropropane	9.02	63	32301	1.224 ug/L #	95
38) Bromodichloromethane	9.30	83	31712	1.212 ug/L	100
39) cis-1,3-Dichloropropene	9.74	75	30018	1.025 ug/L	92
40) 4-Methyl-2-pentanone	9.89	43	85550	11.422 ug/L	98

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42) Toluene	10.05	91	144684	1.215	ug/L	91
44) trans-1,3-Dichloropropene	10.28	75	19740	1.069	ug/L	100
45) 1,1,2-Trichloroethane	10.46	97	13009	1.213	ug/L	91
47) Tetrachloroethene	10.53	164	21797	1.117	ug/L	85
48) 2-Hexanone	10.65	43	51304	11.608	ug/L	98
49) Dibromochloromethane	10.80	129	13375	1.143	ug/L #	71
50) 1,2-Dibromoethane	10.90	107	10479	1.074	ug/L #	89
51) Chlorobenzene	11.33	112	77748	1.261	ug/L	96
52) Ethylbenzene	11.41	91	155856	1.230	ug/L	99
53) m,p-Xylene	11.52	106	54902	1.170	ug/L	97
54) o-Xylene	11.84	106	55110	1.193	ug/L	99
55) Styrene	11.86	104	77741	1.220	ug/L	97
56) Isopropylbenzene	12.15	105	149358	1.149	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	15365	1.284	ug/L	89
59) 1,2,3-Trichloropropane	12.45	75	10750	1.266	ug/L #	78
61) Bromoform	12.03	173	5379	0.984	ug/L #	90
62) 1,3-Dichlorobenzene	13.18	146	55748	1.214	ug/L	98
63) 1,4-Dichlorobenzene	13.26	146	54329	1.245	ug/L	90
65) 1,2-Dichlorobenzene	13.55	146	47146	1.239	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.16	75	2526	0.713	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.31	180	43170	1.048	ug/L	98
68) 1,2,4-trichlorobenzene	14.80	180	30859	1.006	ug/L	99
69) Naphthalene	15.02	128	39565	0.850	ug/L	98
70) 1,2,3-Trichlorobenzene	15.20	180	26593	1.038	ug/L	99

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

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