

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101019\
 Data File : VR026656.D
 Acq On : 10 Oct 2019 18:23
 Operator : SY/MD
 Sample : VSTD00165
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00165

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 3:30:57 PM

Quant Time: Oct 11 06:42:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 11 05:48:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	197764	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	167544	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	86957	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.20	65	12456	1.86	ug/L	0.01
7) Chloroethane-d5	2.65	69	10525	1.85	ug/L	0.02
11) 1,1-Dichloroethene-d2	3.65	63	30418	1.71	ug/L	0.00
20) 2-Butanone-d5	6.62	46	12808	10.35	ug/L	0.00
24) Chloroform-d	7.23	84	37214	1.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.91	65	12951	1.61	ug/L	0.00
32) Benzene-d6	7.88	84	68011	1.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.92	67	19402	1.56	ug/L	0.00
41) Toluene-d8	9.99	98	52566	1.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.25	79	5360	1.84	ug/L	0.00
46) 2-Hexanone-d5	10.61	63	9950	11.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.38	84	8787	1.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.53	152	17141	1.41	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.86	85	35777	1.460 ug/L	96
3) Chloromethane	2.06	50	17390	1.391 ug/L	88
5) Vinyl chloride	2.21	62	16393	1.316 ug/L	98
6) Bromomethane	2.54	94	12425	1.550 ug/L	80
8) Chloroethane	2.68	64	10117	1.413 ug/L	86
9) Trichlorofluoromethane	2.98	101	32347	1.460 ug/L #	57
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	13225	1.385 ug/L #	54
12) 1,1-Dichloroethene	3.69	96	12371	1.334 ug/L #	66
13) Acetone	3.73	43	13398	14.364 ug/L	85
14) Carbon disulfide	3.97	76	82975	1.819 ug/L	95
15) Methyl Acetate	4.22	43	4925	1.269 ug/L	97
16) Methylene chloride	4.44	84	28332m	1.463 ug/L	
17) Methyl tert-butyl Ether	4.94	73	18301	0.957 ug/L #	90
18) trans-1,2-Dichloroethene	4.92	96	23591	1.223 ug/L	83
19) 1,1-Dichloroethane	5.72	63	42803	1.213 ug/L #	92
21) 2-Butanone	6.72	43	17267	10.398 ug/L	92
22) cis-1,2-Dichloroethene	6.70	96	18473	1.010 ug/L #	94
23) Bromochloromethane	7.08	128	6436	1.245 ug/L	93
25) Chloroform	7.25	83	42839	1.248 ug/L	84
27) 1,2-Dichloroethane	8.02	62	16803m	1.370 ug/L	
29) 1,1,1-Trichloroethane	7.45	97	28466	1.029 ug/L	97
30) Cyclohexane	7.54	56	25902	0.858 ug/L	95
31) Carbon tetrachloride	7.66	117	28172	1.175 ug/L	97
33) Benzene	7.93	78	86574	1.114 ug/L	100
34) Trichloroethene	8.73	95	24290	1.260 ug/L	87
35) Methylcyclohexane	8.97	83	28572	0.966 ug/L	91
37) 1,2-Dichloropropane	9.02	63	17377	1.125 ug/L #	94
38) Bromodichloromethane	9.30	83	19302	1.157 ug/L #	94
39) cis-1,3-Dichloropropene	9.74	75	15358	0.938 ug/L	99
40) 4-Methyl-2-pentanone	9.89	43	32338	8.521 ug/L	94

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42) Toluene	10.05	91	72032	1.055	ug/L	99
44) trans-1,3-Dichloropropene	10.28	75	9376	0.876	ug/L #	64
45) 1,1,2-Trichloroethane	10.46	97	8346	1.250	ug/L	94
47) Tetrachloroethene	10.53	164	14098	1.205	ug/L	82
48) 2-Hexanone	10.65	43	23936	9.884	ug/L	94
49) Dibromochloromethane	10.80	129	8041	1.104	ug/L	91
50) 1,2-Dibromoethane	10.91	107	7206	1.244	ug/L #	67
51) Chlorobenzene	11.33	112	46390	1.174	ug/L	97
52) Ethylbenzene	11.41	91	73299	0.953	ug/L	98
53) m,p-Xylene	11.52	106	27258	0.983	ug/L	91
54) o-Xylene	11.84	106	25138	0.926	ug/L	90
55) Styrene	11.86	104	38807	0.998	ug/L	87
56) Isopropylbenzene	12.15	105	72372	0.941	ug/L	96
58) 1,1,2,2-Tetrachloroethane	12.40	83	8956	1.152	ug/L #	98
59) 1,2,3-Trichloropropane	12.45	75	6815	1.233	ug/L	93
61) Bromoform	12.02	173	3552	1.023	ug/L #	81
62) 1,3-Dichlorobenzene	13.18	146	31125	0.987	ug/L	97
63) 1,4-Dichlorobenzene	13.26	146	34716	1.103	ug/L	95
65) 1,2-Dichlorobenzene	13.54	146	27664	1.043	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.17	75	1957	1.457	ug/L #	81
67) 1,3,5-Trichlorobenzene	14.31	180	23522	0.934	ug/L	92
68) 1,2,4-trichlorobenzene	14.80	180	17138	0.970	ug/L	92
69) Naphthalene	15.02	128	13620	0.590	ug/L #	88
70) 1,2,3-Trichlorobenzene	15.20	180	17928	1.116	ug/L	96

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

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