

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR070518\
 Data File : VR025435.D
 Acq On : 5 Jul 2018 12:21
 Operator : SY/MD
 Sample : VSTD0.581
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.581

Manual Integrations
 APPROVED

MMDadoda
 7/6/2018 4:17:15 PM

Quant Time: Jul 05 15:01:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 05 12:32:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	714019	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	587703	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	212443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	8783	0.36	ug/L	0.00
7) Chloroethane-d5	2.62	69	7980	0.45	ug/L	-0.01
11) 1,1-Dichloroethene-d2	3.63	63	32332	0.52	ug/L	-0.02
20) 2-Butanone-d5	6.59	46	25354	3.89	ug/L	0.00
24) Chloroform-d	7.20	84	49950	0.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	19269	0.55	ug/L	0.00
32) Benzene-d6	7.85	84	95456	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	28301	0.50	ug/L	0.00
41) Toluene-d8	9.97	98	79468	0.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	6973	0.46	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	17408	3.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	12937	0.59	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	17297	0.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	19082	0.41	ug/L	# 78
3) Chloromethane	2.00	50	12517	0.37	ug/L	84
5) Vinyl chloride	2.15	62	9855	0.33	ug/L	92
6) Bromomethane	2.53	94	5553	0.39	ug/L	86
8) Chloroethane	2.67	64	7053	0.46	ug/L	95
9) Trichlorofluoromethane	2.98	101	16745m	0.39	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	11346	0.45	ug/L	# 74
12) 1,1-Dichloroethene	3.65	96	11146	0.44	ug/L	# 72
13) Acetone	3.69	43	17644	5.99	ug/L	93
14) Carbon disulfide	3.98	76	21918m	0.42	ug/L	
15) Methyl Acetate	4.19	43	3477	0.47	ug/L	# 83
16) Methylene chloride	4.41	84	13538m	0.59	ug/L	
17) Methyl tert-butyl Ether	4.90	73	29878	0.40	ug/L	98
18) trans-1,2-Dichloroethene	4.87	96	25179	0.49	ug/L	87
19) 1,1-Dichloroethane	5.69	63	45434	0.47	ug/L	96
21) 2-Butanone	6.70	43	29025	4.17	ug/L	100
22) cis-1,2-Dichloroethene	6.68	96	20306	0.38	ug/L	# 97
23) Bromochloromethane	7.05	128	7782	0.49	ug/L	87
25) Chloroform	7.22	83	45149	0.51	ug/L	99
27) 1,2-Dichloroethane	8.00	62	20116	0.50	ug/L	# 95
29) 1,1,1-Trichloroethane	7.42	97	29352	0.42	ug/L	95
30) Cyclohexane	7.52	56	21756	0.24	ug/L	96
31) Carbon tetrachloride	7.64	117	26519	0.43	ug/L	92
33) Benzene	7.91	78	97021	0.42	ug/L	100
34) Trichloroethene	8.71	95	26503	0.47	ug/L	95
35) Methylcyclohexane	8.96	83	25918	0.29	ug/L	92
37) 1,2-Dichloropropane	8.99	63	23376	0.46	ug/L	# 86
38) Bromodichloromethane	9.28	83	22941	0.46	ug/L	100
39) cis-1,3-Dichloropropene	9.72	75	20723	0.34	ug/L	86
40) 4-Methyl-2-pentanone	9.87	43	53697	3.23	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.03	91	92741	0.38	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	15327	0.37	ug/L	90
45) 1,1,2-Trichloroethane	10.44	97	11875	0.50	ug/L	83
47) Tetrachloroethene	10.52	164	16879	0.45	ug/L	94
48) 2-Hexanone	10.64	43	38695	3.66	ug/L	94
49) Dibromochloromethane	10.78	129	10576	0.46	ug/L	88
50) 1,2-Dibromoethane	10.89	107	8693	0.46	ug/L #	90
51) Chlorobenzene	11.31	112	63996	0.48	ug/L	95
52) Ethylbenzene	11.39	91	97056	0.40	ug/L	98
53) m,p-Xylene	11.50	106	34317	0.37	ug/L	89
54) o-Xylene	11.83	106	26899	0.32	ug/L	98
55) Styrene	11.85	104	46459	0.36	ug/L	87
56) Isopropylbenzene	12.13	105	69572	0.31	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.39	83	11463	0.52	ug/L #	97
59) 1,2,3-Trichloropropane	12.43	75	8143	0.51	ug/L	91
61) Bromoform	12.01	173	4268	0.56	ug/L #	96
62) 1,3-Dichlorobenzene	13.16	146	28405	0.38	ug/L	90
63) 1,4-Dichlorobenzene	13.24	146	37645	0.51	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	26254	0.44	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.15	75	1463	0.62	ug/L #	69
67) 1,3,5-Trichlorobenzene	14.29	180	18369	0.37	ug/L	93
68) 1,2,4-trichlorobenzene	14.79	180	11047	0.32	ug/L	94
69) Naphthalene	15.00	128	11684	0.26	ug/L #	93
70) 1,2,3-Trichlorobenzene	15.18	180	8613	0.32	ug/L #	93

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

