

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR073018\
 Data File : VR025537.D
 Acq On : 30 Jul 2018 11:56
 Operator : SY/MD
 Sample : VSTD0.581
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD0.581

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 6:22:45 PM

Quant Time: Jul 30 15:08:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 30 15:00:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	639538	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	517890	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	207690	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	19058	1.08	ug/L	0.00
7) Chloroethane-d5	2.64	69	15143	1.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.64	63	43624	0.82	ug/L	0.00
20) 2-Butanone-d5	6.60	46	12485	2.28	ug/L	0.00
24) Chloroform-d	7.20	84	31901	0.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	9696	0.29	ug/L	0.00
32) Benzene-d6	7.86	84	64387	0.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	16654	0.33	ug/L	0.00
41) Toluene-d8	9.97	98	59805	0.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	3778	0.28	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	9655	2.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	7517	0.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	15222	0.44	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	16831	0.47	ug/L	93
3) Chloromethane	2.01	50	23508	1.10	ug/L	89
5) Vinyl chloride	2.16	62	21992	1.14	ug/L	96
6) Bromomethane	2.53	94	13345	1.18	ug/L	78
8) Chloroethane	2.67	64	12249	1.02	ug/L	98
9) Trichlorofluoromethane	2.97	101	28484m	0.91	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	19302	1.01	ug/L	99
12) 1,1-Dichloroethene	3.67	96	22708	1.19	ug/L	78
13) Acetone	3.71	43	13706	5.56	ug/L	87
14) Carbon disulfide	3.97	76	42940	0.99	ug/L	96
15) Methyl Acetate	4.19	43	5230	0.95	ug/L #	89
16) Methylene chloride	4.41	84	21997m	1.17	ug/L	
17) Methyl tert-butyl Ether	4.90	73	20616	0.33	ug/L #	74
18) trans-1,2-Dichloroethene	4.89	96	20908	0.44	ug/L	96
19) 1,1-Dichloroethane	5.70	63	30219	0.37	ug/L	98
21) 2-Butanone	6.70	43	16247	2.83	ug/L	87
22) cis-1,2-Dichloroethene	6.68	96	17136	0.39	ug/L	91
23) Bromochloromethane	7.06	128	6352	0.45	ug/L #	90
25) Chloroform	7.24	83	29741	0.38	ug/L	80
27) 1,2-Dichloroethane	7.99	62	11651	0.33	ug/L #	88
29) 1,1,1-Trichloroethane	7.43	97	22020	0.42	ug/L	97
30) Cyclohexane	7.53	56	19173	0.34	ug/L	97
31) Carbon tetrachloride	7.64	117	22892	0.49	ug/L	97
33) Benzene	7.91	78	75544	0.42	ug/L	100
34) Trichloroethene	8.71	95	20227	0.45	ug/L	89
35) Methylcyclohexane	8.96	83	21915	0.36	ug/L	94
37) 1,2-Dichloropropane	9.01	63	15677	0.38	ug/L #	97
38) Bromodichloromethane	9.28	83	17073	0.40	ug/L #	87
39) cis-1,3-Dichloropropene	9.72	75	13720	0.29	ug/L	89
40) 4-Methyl-2-pentanone	9.87	43	34081	2.83	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.04	91	72385	0.42	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	9647m	0.28	ug/L	
45) 1,1,2-Trichloroethane	10.44	97	7979	0.39	ug/L	89
47) Tetrachloroethene	10.52	164	15873	0.53	ug/L	92
48) 2-Hexanone	10.64	43	23280	2.81	ug/L	95
49) Dibromochloromethane	10.79	129	8333	0.39	ug/L	74
50) 1,2-Dibromoethane	10.89	107	6396	0.39	ug/L #	88
51) Chlorobenzene	11.31	112	48687	0.46	ug/L	94
52) Ethylbenzene	11.40	91	75778	0.41	ug/L	98
53) m,p-Xylene	11.51	106	26807	0.38	ug/L	95
54) o-Xylene	11.83	106	24156	0.40	ug/L	92
55) Styrene	11.85	104	37627	0.38	ug/L	98
56) Isopropylbenzene	12.13	105	63052	0.40	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.39	83	7181	0.36	ug/L	96
59) 1,2,3-Trichloropropane	12.44	75	4820	0.33	ug/L #	86
61) Bromoform	12.01	173	4452	0.53	ug/L	87
62) 1,3-Dichlorobenzene	13.16	146	26036	0.43	ug/L	94
63) 1,4-Dichlorobenzene	13.24	146	31573	0.47	ug/L	95
65) 1,2-Dichlorobenzene	13.53	146	24112	0.46	ug/L #	87
66) 1,2-Dibromo-3-chloropropan	14.15	75	965	0.41	ug/L #	58
67) 1,3,5-Trichlorobenzene	14.29	180	18660	0.47	ug/L	97
68) 1,2,4-trichlorobenzene	14.79	180	11695	0.43	ug/L	93
69) Naphthalene	15.00	128	12243	0.35	ug/L #	95
70) 1,2,3-Trichlorobenzene	15.18	180	8425	0.40	ug/L	92

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

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