

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR070518\
 Data File : VR025436.D
 Acq On : 5 Jul 2018 12:54
 Operator : SY/MD
 Sample : VSTD00182
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleID :
 VSTD00182

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 15:03:52 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	665132	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	559783	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	208852	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	19673	0.87	ug/L	0.00
7) Chloroethane-d5	2.63	69	16983	1.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.63	63	57391	0.98	ug/L	-0.01
20) 2-Butanone-d5	6.60	46	48819	8.04	ug/L	0.00
24) Chloroform-d	7.20	84	95081	1.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	35804	1.11	ug/L	0.00
32) Benzene-d6	7.85	84	181521	0.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	55199	1.02	ug/L	0.00
41) Toluene-d8	9.97	98	167389	1.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	12129	0.85	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	38786	7.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	24647	1.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	34551	0.98	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41226	0.96	ug/L	97
3) Chloromethane	2.00	50	24001	0.77	ug/L	94
5) Vinyl chloride	2.16	62	21777	0.79	ug/L	# 82
6) Bromomethane	2.52	94	13209	0.98	ug/L	81
8) Chloroethane	2.66	64	13044	0.91	ug/L	89
9) Trichlorofluoromethane	2.95	101	32595m	0.81	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	22644	0.96	ug/L	99
12) 1,1-Dichloroethene	3.65	96	21378	0.91	ug/L	88
13) Acetone	3.71	43	26166	9.54	ug/L	72
14) Carbon disulfide	3.96	76	45671	0.93	ug/L	98
15) Methyl Acetate	4.19	43	5883	0.85	ug/L	# 78
16) Methylene chloride	4.41	84	21323m	1.00	ug/L	
17) Methyl tert-butyl Ether	4.91	73	65708	0.94	ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	51435	1.07	ug/L	87
19) 1,1-Dichloroethane	5.70	63	87229	0.97	ug/L	91
21) 2-Butanone	6.70	43	56832	8.77	ug/L	97
22) cis-1,2-Dichloroethene	6.68	96	41843	0.83	ug/L	96
23) Bromochloromethane	7.05	128	15202	1.03	ug/L	# 88
25) Chloroform	7.24	83	85402	1.03	ug/L	95
27) 1,2-Dichloroethane	7.99	62	37286	0.99	ug/L	# 90
29) 1,1,1-Trichloroethane	7.42	97	58360	0.88	ug/L	99
30) Cyclohexane	7.52	56	51582	0.61	ug/L	97
31) Carbon tetrachloride	7.63	117	50018	0.86	ug/L	97
33) Benzene	7.91	78	200577	0.91	ug/L	100
34) Trichloroethene	8.71	95	50496	0.95	ug/L	97
35) Methylcyclohexane	8.96	83	57246	0.68	ug/L	95
37) 1,2-Dichloropropane	8.99	63	47278	0.97	ug/L	# 94
38) Bromodichloromethane	9.28	83	42962	0.91	ug/L	# 98
39) cis-1,3-Dichloropropene	9.72	75	41341	0.72	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	125646	7.95	ug/L	98

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42) Toluene	10.03	91	191346	0.81	ug/L	98
44) trans-1,3-Dichloropropene	10.27	75	32927	0.83	ug/L	94
45) 1,1,2-Trichloroethane	10.44	97	21619	0.95	ug/L	94
47) Tetrachloroethene	10.51	164	32219	0.91	ug/L	91
48) 2-Hexanone	10.64	43	90759	9.01	ug/L	97
49) Dibromochloromethane	10.78	129	21714	0.99	ug/L	86
50) 1,2-Dibromoethane	10.89	107	17680	0.97	ug/L	87
51) Chlorobenzene	11.31	112	120261	0.95	ug/L	99
52) Ethylbenzene	11.39	91	201018	0.86	ug/L	100
53) m,p-Xylene	11.51	106	73650	0.83	ug/L	89
54) o-Xylene	11.83	106	64835	0.81	ug/L	100
55) Styrene	11.85	104	111836	0.91	ug/L	97
56) Isopropylbenzene	12.13	105	164194	0.77	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.38	83	22449	1.07	ug/L	99
59) 1,2,3-Trichloropropane	12.43	75	16006	1.06	ug/L	97
61) Bromoform	12.01	173	8002	1.07	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	59051	0.81	ug/L	97
63) 1,4-Dichlorobenzene	13.24	146	71574	0.98	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	56828	0.97	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	2409	1.04	ug/L #	63
67) 1,3,5-Trichlorobenzene	14.29	180	40137	0.83	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	25106	0.74	ug/L	94
69) Naphthalene	15.00	128	24374	0.55	ug/L #	96
70) 1,2,3-Trichlorobenzene	15.18	180	19969	0.76	ug/L	93

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

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