

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR073018\
 Data File : VR025541.D
 Acq On : 30 Jul 2018 14:08
 Operator : SY/MD
 Sample : VSTD02085
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD02085

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 6:22:47 PM

Quant Time: Jul 30 15:15:54 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	8.46	114	680233	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	602361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	265533	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	850635	45.36	ug/L	0.00
7) Chloroethane-d5	2.64	69	612146	38.30	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.65	63	2000126	35.20	ug/L	0.00
20) 2-Butanone-d5	6.60	46	882477	151.50	ug/L	0.00
24) Chloroform-d	7.21	84	1495555	16.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.90	65	548169	15.42	ug/L	0.00
32) Benzene-d6	7.86	84	3455271	17.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.90	67	908706	15.54	ug/L	0.00
41) Toluene-d8	9.97	98	3496315	19.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.24	79	258846	16.70	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	880087	175.76	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	410764	15.71	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.51	152	857098	19.55	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	843866	21.96	ug/L	96
3) Chloromethane	2.02	50	1010797	44.37	ug/L	96
5) Vinyl chloride	2.16	62	1018532	49.76	ug/L	96
6) Bromomethane	2.53	94	465415	38.64	ug/L	93
8) Chloroethane	2.67	64	523060	41.04	ug/L	92
9) Trichlorofluoromethane	2.98	101	1567986	46.88	ug/L	# 24
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	947823	46.56	ug/L	99
12) 1,1-Dichloroethene	3.66	96	969190	47.66	ug/L	95
13) Acetone	3.71	43	623851	237.73	ug/L	98
14) Carbon disulfide	3.97	76	2455760	53.07	ug/L	99
15) Methyl Acetate	4.21	43	181898	30.98	ug/L	98
16) Methylene chloride	4.41	84	727865m	36.54	ug/L	
17) Methyl tert-butyl Ether	4.90	73	1100260	16.60	ug/L	99
18) trans-1,2-Dichloroethene	4.88	96	989403	19.56	ug/L	97
19) 1,1-Dichloroethane	5.70	63	1425695	16.43	ug/L	98
21) 2-Butanone	6.69	43	965417	157.93	ug/L	98
22) cis-1,2-Dichloroethene	6.68	96	955252	20.58	ug/L	# 93
23) Bromochloromethane	7.05	128	294342	19.69	ug/L	98
25) Chloroform	7.24	83	1428144	17.13	ug/L	97
27) 1,2-Dichloroethane	8.00	62	562187	15.04	ug/L	# 94
29) 1,1,1-Trichloroethane	7.43	97	1067992	17.43	ug/L	99
30) Cyclohexane	7.52	56	1515804	23.06	ug/L	96
31) Carbon tetrachloride	7.64	117	1131184	20.87	ug/L	100
33) Benzene	7.91	78	3908268	18.82	ug/L	100
34) Trichloroethene	8.71	95	953391	18.04	ug/L	97
35) Methylcyclohexane	8.96	83	1679077	23.76	ug/L	98
37) 1,2-Dichloropropane	9.00	63	805823	16.70	ug/L	99
38) Bromodichloromethane	9.29	83	853788	17.36	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	1036573	19.10	ug/L	98
40) 4-Methyl-2-pentanone	9.87	43	2662161	190.34	ug/L	99

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42) Toluene	10.03	91	4328965	21.44	ug/L	96
44) trans-1,3-Dichloropropene	10.27	75	739490	18.56	ug/L	97
45) 1,1,2-Trichloroethane	10.45	97	399676	16.90	ug/L	92
47) Tetrachloroethene	10.52	164	822375	23.83	ug/L	96
48) 2-Hexanone	10.64	43	1766710	183.63	ug/L	99
49) Dibromochloromethane	10.79	129	511177	20.73	ug/L	99
50) 1,2-Dibromoethane	10.89	107	346682	18.10	ug/L #	93
51) Chlorobenzene	11.32	112	2464658	20.05	ug/L	95
52) Ethylbenzene	11.40	91	4756541	21.97	ug/L	98
53) m,p-Xylene	11.51	106	1958040	24.10	ug/L	97
54) o-Xylene	11.83	106	1849850	26.43	ug/L	96
55) Styrene	11.85	104	2911022	25.28	ug/L	92
56) Isopropylbenzene	12.13	105	4717643	25.46	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.39	83	379034	16.27	ug/L	95
59) 1,2,3-Trichloropropane	12.44	75	247062	14.73	ug/L	94
61) Bromoform	12.01	173	226564	20.95	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	1691827	21.75	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	1652309	19.13	ug/L	99
65) 1,2-Dichlorobenzene	13.53	146	1347940	19.94	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.15	75	36342	12.15	ug/L #	65
67) 1,3,5-Trichlorobenzene	14.29	180	1124168	22.12	ug/L	98
68) 1,2,4-trichlorobenzene	14.79	180	768510	22.00	ug/L	100
69) Naphthalene	15.00	128	992354	22.18	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	573295	21.28	ug/L	100

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

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