

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071918\
 Data File : VV006642.D
 Acq On : 19 Jul 2018 14:24
 Operator : SY/MD
 Sample : VSTD02068
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02068

Manual Integrations
 APPROVED

apatel
 7/20/2018 12:32:54 PM

Quant Time: Jul 20 05:03:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 04:43:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	268933	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	249908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130547	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	396610	21.02	ug/L	0.00
7) Chloroethane-d5	1.57	69	182044	14.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	752844	20.75	ug/L	0.00
20) 2-Butanone-d5	3.95	46	895742	218.53	ug/L	0.00
24) Chloroform-d	4.41	84	674449	21.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	313539	20.90	ug/L	0.00
32) Benzene-d6	5.10	84	1434168	21.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	436740	20.74	ug/L	0.00
41) Toluene-d8	7.37	98	1356308	21.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	166304	23.29	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	845739	237.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	323639	21.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	482939	20.56	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	528577m	24.38	ug/L	
3) Chloromethane	1.26	50	471770	21.82	ug/L	99
5) Vinyl chloride	1.32	62	576240	20.63	ug/L	98
6) Bromomethane	1.53	94	122005	15.41	ug/L	97
8) Chloroethane	1.59	64	308765	19.24	ug/L	96
9) Trichlorofluoromethane	1.76	101	689627	20.57	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	435075	20.71	ug/L	99
12) 1,1-Dichloroethene	2.14	96	411112	20.65	ug/L	94
13) Acetone	2.20	43	635307	202.09	ug/L	99
14) Carbon disulfide	2.32	76	1337336	20.71	ug/L	100
15) Methyl Acetate	2.47	43	187255	20.30	ug/L	98
16) Methylene chloride	2.54	84	437410	17.46	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	1027152	20.90	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	448466	20.44	ug/L	99
19) 1,1-Dichloroethane	3.23	63	794711	20.51	ug/L	100
21) 2-Butanone	4.04	43	1111434	211.08	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	486098	21.16	ug/L	97
23) Bromochloromethane	4.30	128	197168	21.08	ug/L	99
25) Chloroform	4.43	83	778400	20.85	ug/L	99
27) 1,2-Dichloroethane	5.19	62	449315	20.60	ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	658711	21.09	ug/L	99
30) Cyclohexane	4.73	56	765689	21.93	ug/L	99
31) Carbon tetrachloride	4.88	117	573997	21.49	ug/L	99
33) Benzene	5.15	78	1825142	20.76	ug/L	100
34) Trichloroethene	5.96	95	463476	20.84	ug/L	99
35) Methylcyclohexane	6.18	83	837613	22.56	ug/L	98
37) 1,2-Dichloropropane	6.23	63	462614	20.63	ug/L	100
38) Bromodichloromethane	6.56	83	537460	21.58	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	678339	23.00	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	2615934	215.79	ug/L	97

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42) Toluene	7.44	91	1934601	21.29	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	542350	23.66	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	311875	20.67	ug/L	98
47) Tetrachloroethene	8.03	164	376865	21.10	ug/L	98
48) 2-Hexanone	8.19	43	1854957	218.89	ug/L	98
49) Dibromochloromethane	8.30	129	361697	22.63	ug/L	99
50) 1,2-Dibromoethane	8.40	107	287016	21.17	ug/L	100
51) Chlorobenzene	8.93	112	1244940	21.09	ug/L	99
52) Ethylbenzene	9.06	91	2168532	22.23	ug/L	99
53) m,p-xylene	9.19	106	839683	22.64	ug/L	99
54) o-xylene	9.59	106	824758	22.79	ug/L	100
55) Styrene	9.61	104	1410627	23.29	ug/L	98
56) Isopropylbenzene	9.98	105	2170679	22.87	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	383241	21.18	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	274900	20.79	ug/L	99
61) Bromoform	9.78	173	192820	21.37	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	980057	20.61	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	986210	20.41	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	921988	20.23	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	55453	20.50	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	774522	21.07	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	644015	22.09	ug/L	99
69) Naphthalene	13.56	128	1204672	23.87	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	591796	21.55	ug/L	100

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

