

Data File : VV007597.D
Acq On : 18 Sep 2018 11:41
Operator : SY/MD
Sample : VSTD00167
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00167

Quant Time: Sep 19 01:26:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:25:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	120142	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59545	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5127	0.83	ug/L	0.00
7) Chloroethane-d5	1.59	69	4865	0.93	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	12618	0.95	ug/L	0.00
20) 2-Butanone-d5	3.97	46	5904	6.84	ug/L	0.00
24) Chloroform-d	4.41	84	10868	0.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	5295	0.85	ug/L	0.00
32) Benzene-d6	5.10	84	20585	0.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	6131	0.82	ug/L	0.00
41) Toluene-d8	7.36	98	21501	0.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2496	0.73	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	3374	6.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	3763	0.72	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	9703	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	9638	1.362 ug/L	95
3) Chloromethane	1.25	50	7367	1.232 ug/L	98
5) Vinyl chloride	1.32	62	8267	1.240 ug/L	100
6) Bromomethane	1.54	94	5813	1.221 ug/L	96
8) Chloroethane	1.60	64	4772	1.168 ug/L	98
9) Trichlorofluoromethane	1.78	101	15663	1.187 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	8612	1.191 ug/L	96
12) 1,1-Dichloroethene	2.15	96	8151	1.251 ug/L	85
13) Acetone	2.22	43	6758	11.480 ug/L	95
14) Carbon disulfide	2.32	76	23323	1.232 ug/L	96
15) Methyl Acetate	2.48	43	2267	1.342 ug/L	96
16) Methylene chloride	2.54	84	8574	1.226 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	17955	1.178 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	8565	1.221 ug/L	94
19) 1,1-Dichloroethane	3.23	63	11369	1.127 ug/L	98
21) 2-Butanone	4.06	43	9567	9.828 ug/L	# 68
22) cis-1,2-Dichloroethene	3.96	96	7893	1.155 ug/L	99
23) Bromochloromethane	4.31	128	3617	1.203 ug/L	95
25) Chloroform	4.43	83	13551	1.174 ug/L	97
27) 1,2-Dichloroethane	5.19	62	7800	1.183 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	12443	1.096 ug/L	98
30) Cyclohexane	4.72	56	11012	1.117 ug/L	99
31) Carbon tetrachloride	4.88	117	11164	1.048 ug/L	96
33) Benzene	5.15	78	27397	1.133 ug/L	100
34) Trichloroethene	5.96	95	9581	1.280 ug/L	97
35) Methylcyclohexane	6.18	83	12967	1.130 ug/L	97
37) 1,2-Dichloropropane	6.23	63	6034	1.022 ug/L	# 96
38) Bromodichloromethane	6.56	83	8701	1.023 ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	9629	1.029 ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	36490	11.294 ug/L	98

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42) Toluene	7.43	91	30371	1.089	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	7915	1.031	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	5137	1.159	ug/L	94
47) Tetrachloroethene	8.02	164	8112	1.204	ug/L	97
48) 2-Hexanone	8.21	43	27331	10.944	ug/L	99
49) Dibromochloromethane	8.29	129	6280	1.008	ug/L	99
50) 1,2-Dibromoethane	8.40	107	4698	1.091	ug/L #	91
51) Chlorobenzene	8.93	112	21984	1.168	ug/L	97
52) Ethylbenzene	9.06	91	34961	1.117	ug/L	99
53) m,p-xylene	9.19	106	14030	1.155	ug/L	100
54) o-xylene	9.59	106	13521	1.142	ug/L	95
55) Styrene	9.61	104	21275	1.097	ug/L	97
56) Isopropylbenzene	9.98	105	36181	1.118	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	3825	0.898	ug/L	87
59) 1,2,3-Trichloropropane	10.32	75	4000	1.107	ug/L	94
61) Bromoform	9.78	173	3536	0.986	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	18719	1.184	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	18570	1.177	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	17324	1.180	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.49	75	605	0.839	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.70	180	14042	1.131	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	8349	0.943	ug/L	94
69) Naphthalene	13.57	128	7997	0.758	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	7894	0.974	ug/L	98

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

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