

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062518\
 Data File : VV006425.D
 Acq On : 25 Jun 2018 10:51
 Operator : SY/MD
 Sample : VSTD0.580
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.580

Quant Time: Jun 26 06:01:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:00:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	437477	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	393569	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	179984	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14818	0.52	ug/L	0.00
7) Chloroethane-d5	1.59	69	12646	0.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	27097	0.53	ug/L	0.00
20) 2-Butanone-d5	3.98	46	27195	5.18	ug/L	0.00
24) Chloroform-d	4.41	84	25453	0.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	11702	0.51	ug/L	0.00
32) Benzene-d6	5.10	84	53372	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	16120	0.53	ug/L	0.00
41) Toluene-d8	7.36	98	49396	0.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5587	0.50	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	18661	4.19	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	8836	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	17732	0.53	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	17359	0.54	ug/L	100
3) Chloromethane	1.26	50	19373	0.59	ug/L	99
5) Vinyl chloride	1.32	62	19981	0.56	ug/L	96
6) Bromomethane	1.54	94	11627	0.56	ug/L	97
8) Chloroethane	1.60	64	13224	0.58	ug/L	99
9) Trichlorofluoromethane	1.77	101	23279	0.54	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14510	0.54	ug/L	98
12) 1,1-Dichloroethene	2.15	96	15126	0.57	ug/L	87
13) Acetone	2.23	43	19707	5.96	ug/L	55
14) Carbon disulfide	2.32	76	42435	0.57	ug/L	97
15) Methyl Acetate	2.48	43	5457	0.56	ug/L	# 71
16) Methylene chloride	2.54	84	21053	0.68	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	35677	0.56	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	16768	0.58	ug/L	95
19) 1,1-Dichloroethane	3.23	63	30025	0.58	ug/L	99
21) 2-Butanone	4.07	43	34060	5.98	ug/L	82
22) cis-1,2-Dichloroethene	3.97	96	17740	0.56	ug/L	94
23) Bromochloromethane	4.31	128	7337	0.57	ug/L	91
25) Chloroform	4.43	83	29373	0.56	ug/L	98
27) 1,2-Dichloroethane	5.19	62	16621	0.57	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	24121	0.56	ug/L	100
30) Cyclohexane	4.73	56	22721	0.53	ug/L	99
31) Carbon tetrachloride	4.88	117	19899	0.55	ug/L	100
33) Benzene	5.15	78	65820	0.57	ug/L	100
34) Trichloroethene	5.96	95	20665	0.62	ug/L	99
35) Methylcyclohexane	6.18	83	25206	0.52	ug/L	98
37) 1,2-Dichloropropane	6.23	63	16009	0.56	ug/L	97
38) Bromodichloromethane	6.56	83	18521	0.57	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	20817	0.53	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	76192	5.51	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	69457	0.56	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	16144	0.52	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	10938	0.56	ug/L	98
47) Tetrachloroethene	8.02	164	14295	0.57	ug/L	98
48) 2-Hexanone	8.20	43	55362	5.57	ug/L	97
49) Dibromochloromethane	8.30	129	10884	0.52	ug/L	99
50) 1,2-Dibromoethane	8.40	107	9328	0.53	ug/L	99
51) Chlorobenzene	8.93	112	46520	0.57	ug/L	98
52) Ethylbenzene	9.06	91	72354	0.54	ug/L	98
53) m,p-xylene	9.19	106	27638	0.54	ug/L	98
54) o-xylene	9.59	106	27096	0.54	ug/L	98
55) Styrene	9.61	104	42615	0.52	ug/L	98
56) Isopropylbenzene	9.98	105	69824	0.53	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	9411	0.51	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	8474	0.55	ug/L	97
61) Bromoform	9.78	173	5512	0.55	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	32633	0.55	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	33618	0.57	ug/L	96
65) 1,2-Dichlorobenzene	11.70	146	31195	0.56	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	1236	0.52	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	24599	0.55	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	15566	0.47	ug/L	100
69) Naphthalene	13.56	128	19632	0.41	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	14724	0.48	ug/L	98

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

