

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082718\
 Data File : VV007219.D
 Acq On : 27 Aug 2018 19:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00575

Quant Time: Aug 28 01:42:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 28 01:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	352809	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	353230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	170044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128767	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.58	69	99873	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	217072	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.00%
20) 2-Butanone-d5	3.97	46	277153	48.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.68%
24) Chloroform-d	4.41	84	245665	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.09	65	120517	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	492141	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	153995	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	453811	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.67	79	56404	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.15	63	151223	45.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	125720	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	162472	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	132711	4.38	ug/L 100
3) Chloromethane	1.25	50	151049	4.57	ug/L 100
5) Vinyl chloride	1.32	62	140669	4.56	ug/L 98
6) Bromomethane	1.54	94	50312	4.97	ug/L 99
8) Chloroethane	1.60	64	83694	4.41	ug/L 97
9) Trichlorofluoromethane	1.77	101	192642	4.64	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	119685	4.61	ug/L 100
12) 1,1-Dichloroethene	2.14	96	110216	4.53	ug/L 93
13) Acetone	2.21	43	134091	40.69	ug/L 89
14) Carbon disulfide	2.32	76	328943	4.71	ug/L 100
15) Methyl Acetate	2.47	43	34567	4.04	ug/L 97
16) Methylene chloride	2.54	84	122729	4.31	ug/L 97
17) Methyl tert-butyl Ether	2.82	73	277349	4.78	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	122507	4.65	ug/L 99
19) 1,1-Dichloroethane	3.23	63	244461	4.92	ug/L 99
21) 2-Butanone	4.05	43	294592	43.42	ug/L 89
22) cis-1,2-Dichloroethene	3.97	96	137979	4.74	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	62640	4.72	ug/L	90
25) Chloroform	4.43	83	248100	4.68	ug/L	96
27) 1,2-Dichloroethane	5.19	62	150045	4.98	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	204352	4.46	ug/L	99
30) Cyclohexane	4.73	56	183529	4.46	ug/L	99
31) Carbon tetrachloride	4.88	117	174190	4.53	ug/L	98
33) Benzene	5.15	78	537924	4.62	ug/L	100
34) Trichloroethene	5.96	95	132221	4.71	ug/L	97
35) Methylcyclohexane	6.18	83	195607	4.66	ug/L	98
37) 1,2-Dichloropropane	6.23	63	137147	4.36	ug/L	99
38) Bromodichloromethane	6.56	83	170342	4.66	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	174501	4.69	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	785145	51.23	ug/L	97
42) Toluene	7.44	91	548867	4.92	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	150728	4.88	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	102112	4.84	ug/L	97
47) Tetrachloroethene	8.02	164	110277	4.71	ug/L	99
48) 2-Hexanone	8.20	43	614742	53.35	ug/L	96
49) Dibromochloromethane	8.30	129	115034	4.95	ug/L	99
50) 1,2-Dibromoethane	8.40	107	88764	5.02	ug/L	99
51) Chlorobenzene	8.93	112	352618	4.80	ug/L	99
52) Ethylbenzene	9.06	91	533775	4.86	ug/L	100
53) m,p-xylene	9.19	106	204376	4.91	ug/L	97
54) o-xylene	9.59	106	194592	4.90	ug/L	98
55) Styrene	9.61	104	351492	5.19	ug/L	97
56) Isopropylbenzene	9.98	105	510890	4.96	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	123078	4.94	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	89554	4.97	ug/L	98
61) Bromoform	9.78	173	61873	4.59	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	257581	4.73	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	272572	4.78	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	268632	4.91	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	14260	4.52	ug/L	85
67) 1,3,5-Trichlorobenzene	12.70	180	197971	4.85	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	140780	5.15	ug/L	99
69) Naphthalene	13.56	128	195144	5.39	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	141028	5.28	ug/L	99

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

