

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081618\
 Data File : VV007043.D
 Acq On : 16 Aug 2018 15:07
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Quant Time: Aug 17 01:15:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 17 01:13:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	233030	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227586	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103971	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66336	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	54997	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.13	63	128711	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	3.97	46	143075	33.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.14%
24) Chloroform-d	4.41	84	133728	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	64581	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	5.10	84	256468	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	82781	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.36	98	236017	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.67	79	28579	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.15	63	91472	32.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59882	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	74071	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	113646	5.01 ug/L	99
3) Chloromethane	1.25	50	115006	5.27 ug/L	96
5) Vinyl chloride	1.32	62	111698	4.95 ug/L	95
6) Bromomethane	1.54	94	31519	6.43 ug/L	100
8) Chloroethane	1.60	64	68147	4.98 ug/L	99
9) Trichlorofluoromethane	1.77	101	147805	5.15 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	89794	5.21 ug/L	99
12) 1,1-Dichloroethene	2.14	96	84236	5.03 ug/L	94
13) Acetone	2.21	43	91102	40.90 ug/L	97
14) Carbon disulfide	2.32	76	250099	4.53 ug/L	99
15) Methyl Acetate	2.47	43	27867	4.45 ug/L	99
16) Methylene chloride	2.54	84	95813	4.75 ug/L	99
17) Methyl tert-butyl Ether	2.82	73	198608	4.95 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	92007	5.13 ug/L	98
19) 1,1-Dichloroethane	3.23	63	162086	5.01 ug/L	98
21) 2-Butanone	4.05	43	201068	41.58 ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	99154	4.88 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	44861	5.41	ug/L	91
25) Chloroform	4.43	83	184188	5.20	ug/L	100
27) 1,2-Dichloroethane	5.19	62	110304	5.00	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	156086	5.14	ug/L	98
30) Cyclohexane	4.73	56	139929	4.43	ug/L	99
31) Carbon tetrachloride	4.88	117	131589	5.17	ug/L	100
33) Benzene	5.15	78	404900	5.14	ug/L	100
34) Trichloroethene	5.96	95	93411	4.94	ug/L	94
35) Methylcyclohexane	6.18	83	139227	4.59	ug/L	99
37) 1,2-Dichloropropane	6.23	63	109415	5.07	ug/L	99
38) Bromodichloromethane	6.56	83	123512	5.04	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	125218	4.80	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	545425	46.78	ug/L	99
42) Toluene	7.44	91	406047	5.36	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	104128	4.87	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	70708	5.04	ug/L	96
47) Tetrachloroethene	8.02	164	79177	5.17	ug/L	97
48) 2-Hexanone	8.20	43	402871	49.00	ug/L	97
49) Dibromochloromethane	8.30	129	77972	5.29	ug/L	97
50) 1,2-Dibromoethane	8.40	107	60540	5.10	ug/L #	97
51) Chlorobenzene	8.93	112	246635	5.11	ug/L	99
52) Ethylbenzene	9.06	91	376863	4.98	ug/L	99
53) m,p-xylene	9.19	106	145175	5.15	ug/L	98
54) o-xylene	9.59	106	138280	5.17	ug/L	97
55) Styrene	9.61	104	239056	5.31	ug/L	97
56) Isopropylbenzene	9.98	105	355718	5.07	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	86332	5.06	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	60058	4.97	ug/L	98
61) Bromoform	9.78	173	41513	5.27	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	169211	5.03	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	174134	5.05	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	172268	5.21	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10798	4.60	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	129276	5.08	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	88394	4.73	ug/L	98
69) Naphthalene	13.56	128	109595	4.08	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	87083	4.83	ug/L	99

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

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