

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
 Data File : VV008255.D
 Acq On : 11 Oct 2018 02:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Quant Time: Oct 11 03:54:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 11 01:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88626	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42960	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20093	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	18003	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.13	63	41195	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.98	46	82644	63.15	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.30%
24) Chloroform-d	4.41	84	52984	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	26315	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	94404	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.12	67	31939	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	92505	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	11064	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	55332	57.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25814	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	37275	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	30628	5.10	ug/L	95
3) Chloromethane	1.25	50	25763	5.09	ug/L	98
5) Vinyl chloride	1.32	62	28393	5.04	ug/L	99
6) Bromomethane	1.54	94	17042	6.38	ug/L	96
8) Chloroethane	1.60	64	17838	4.73	ug/L	94
9) Trichlorofluoromethane	1.77	101	46252	4.79	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	28269	4.92	ug/L	98
12) 1,1-Dichloroethene	2.14	96	24181	5.04	ug/L	91
13) Acetone	2.23	43	45540	51.35	ug/L	99
14) Carbon disulfide	2.32	76	52958	4.33	ug/L	97
15) Methyl Acetate	2.48	43	11399	5.41	ug/L	97
16) Methylene chloride	2.54	84	27934	4.80	ug/L	96
17) Methyl tert-butyl Ether	2.82	73	67810	5.63	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	26543	5.06	ug/L	98
19) 1,1-Dichloroethane	3.23	63	49355	4.95	ug/L	100
21) 2-Butanone	4.07	43	84821	59.29	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	31723	5.37	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	15081	5.62	ug/L	97
25) Chloroform	4.43	83	58771	5.47	ug/L	100
27) 1,2-Dichloroethane	5.19	62	33633	5.33	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	49555	5.20	ug/L	99
30) Cyclohexane	4.72	56	36528	4.62	ug/L	97
31) Carbon tetrachloride	4.87	117	43193	5.05	ug/L	98
33) Benzene	5.15	78	118924	5.50	ug/L	100
34) Trichloroethene	5.96	95	37198	5.89	ug/L	99
35) Methylcyclohexane	6.18	83	39633	4.49	ug/L	99
37) 1,2-Dichloropropane	6.23	63	32232	5.52	ug/L	100
38) Bromodichloromethane	6.56	83	38732	5.42	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	36748	4.91	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	202906	61.34	ug/L	99
42) Toluene	7.43	91	127313	5.54	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	31899	5.24	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	23781	5.81	ug/L	99
47) Tetrachloroethene	8.02	164	27995	4.97	ug/L	96
48) 2-Hexanone	8.20	43	151572	67.50	ug/L	97
49) Dibromochloromethane	8.30	129	27950	5.47	ug/L	99
50) 1,2-Dibromoethane	8.40	107	22069	5.94	ug/L	97
51) Chlorobenzene	8.93	112	84717	5.27	ug/L	97
52) Ethylbenzene	9.06	91	126260	5.03	ug/L	100
53) m,p-xylene	9.18	106	50137	5.27	ug/L	97
54) o-xylene	9.59	106	47927	5.28	ug/L	95
55) Styrene	9.61	104	85399	5.52	ug/L	97
56) Isopropylbenzene	9.98	105	128423	5.14	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	26357	5.55	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	20440	6.00	ug/L	97
61) Bromoform	9.78	173	15234	5.76	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	67004	5.24	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	67857	5.20	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	67288	5.45	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3683	5.71	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	54223	4.97	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	39893	4.91	ug/L	99
69) Naphthalene	13.56	128	54394	5.24	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	40863	5.29	ug/L	100

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

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