

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091718\
 Data File : VV007581.D
 Acq On : 17 Sep 2018 10:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Quant Time: Sep 17 10:28:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 04:48:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	126649	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115923	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61068	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26694	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.59	69	26076	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.14	63	64290	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	3.97	46	38503	41.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.46%
24) Chloroform-d	4.41	84	64968	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.09	65	31956	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.10	84	122221	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	36643	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	127644	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.67	79	16247	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.15	63	25579	44.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25416	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	55629	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34473	5.028 ug/L	98
3) Chloromethane	1.25	50	29717	4.987 ug/L	99
5) Vinyl chloride	1.33	62	35404	5.321 ug/L	97
6) Bromomethane	1.54	94	25591	5.390 ug/L	98
8) Chloroethane	1.60	64	22168	5.467 ug/L	94
9) Trichlorofluoromethane	1.78	101	69546	5.300 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	39738	5.550 ug/L	99
12) 1,1-Dichloroethene	2.15	96	35035	5.450 ug/L	93
13) Acetone	2.21	43	26697	44.298 ug/L	93
14) Carbon disulfide	2.32	76	99328	5.282 ug/L	99
15) Methyl Acetate	2.47	43	7575	4.586 ug/L	99
16) Methylene chloride	2.54	84	34474	4.962 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	81764	5.287 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	37888	5.418 ug/L	100
19) 1,1-Dichloroethane	3.23	63	51639	5.065 ug/L	98
21) 2-Butanone	4.05	43	44155	43.675 ug/L	96
22) cis-1,2-Dichloroethene	3.97	96	35687	5.177 ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	15465	5.118	ug/L	96
25) Chloroform	4.43	83	60367	5.181	ug/L	100
27) 1,2-Dichloroethane	5.19	62	34851	5.196	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	57696	5.118	ug/L	99
30) Cyclohexane	4.73	56	49017	4.986	ug/L	99
31) Carbon tetrachloride	4.88	117	54577	5.159	ug/L	99
33) Benzene	5.15	78	124641	5.207	ug/L	100
34) Trichloroethene	5.96	95	41086	5.596	ug/L	99
35) Methylcyclohexane	6.18	83	59674	5.263	ug/L	99
37) 1,2-Dichloropropane	6.23	63	28770	4.877	ug/L	98
38) Bromodichloromethane	6.56	83	43538	5.089	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	48518	5.173	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	164374	50.471	ug/L	99
42) Toluene	7.43	91	144887	5.239	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	38514	4.992	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	23410	5.315	ug/L	96
47) Tetrachloroethene	8.02	164	35618	5.403	ug/L	98
48) 2-Hexanone	8.20	43	124430	50.324	ug/L	96
49) Dibromochloromethane	8.29	129	32692	5.214	ug/L	99
50) 1,2-Dibromoethane	8.40	107	22866	5.346	ug/L	98
51) Chlorobenzene	8.93	112	98205	5.280	ug/L	99
52) Ethylbenzene	9.06	91	161933	5.198	ug/L	97
53) m,p-xylene	9.18	106	63341	5.248	ug/L	99
54) o-xylene	9.59	106	62429	5.282	ug/L	99
55) Styrene	9.61	104	101473	5.271	ug/L	96
56) Isopropylbenzene	9.98	105	172580	5.378	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	20953	4.856	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	19231	5.332	ug/L	99
61) Bromoform	9.78	173	19117	5.273	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	82769	5.365	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	82328	5.337	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	78089	5.438	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3786	5.125	ug/L	89
67) 1,3,5-Trichlorobenzene	12.70	180	67483	5.604	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	48519	5.595	ug/L	98
69) Naphthalene	13.56	128	54745	5.215	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	43873	5.549	ug/L	98

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

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