

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092818\
 Data File : VV007943.D
 Acq On : 28 Sep 2018 09:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00580

Quant Time: Oct 01 01:49:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	93090	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22830	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.59	69	22064	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.14	63	55951	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.20%
20) 2-Butanone-d5	3.96	46	73960	49.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.54%
24) Chloroform-d	4.41	84	58689	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.09	65	30302	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	108173	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	33240	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	111087	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.67	79	13186	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.14	63	57884	49.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26268	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	45012	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	42442	5.436	ug/L 99
3) Chloromethane	1.25	50	36321	5.228	ug/L 99
5) Vinyl chloride	1.32	62	37996	5.109	ug/L 100
6) Bromomethane	1.54	94	20362	4.439	ug/L 97
8) Chloroethane	1.60	64	24061	5.365	ug/L 100
9) Trichlorofluoromethane	1.77	101	64366	5.302	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37198	5.402	ug/L 98
12) 1,1-Dichloroethene	2.14	96	32847	5.338	ug/L 97
13) Acetone	2.22	43	52079	47.619	ug/L 99
14) Carbon disulfide	2.32	76	84243	5.050	ug/L 99
15) Methyl Acetate	2.47	43	13486	4.822	ug/L 99
16) Methylene chloride	2.54	84	34127	4.991	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	77139	5.074	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	34873	5.141	ug/L 98
19) 1,1-Dichloroethane	3.23	63	58088	5.019	ug/L 99
21) 2-Butanone	4.05	43	84364	48.418	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	36231	5.275	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	16177	5.416	ug/L	96
25) Chloroform	4.43	83	66259	5.293	ug/L	100
27) 1,2-Dichloroethane	5.19	62	42699	5.301	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	58518	5.336	ug/L	100
30) Cyclohexane	4.72	56	52925	5.133	ug/L	98
31) Carbon tetrachloride	4.88	117	52324	5.412	ug/L	99
33) Benzene	5.15	78	139460	5.340	ug/L	100
34) Trichloroethene	5.96	95	37455	5.008	ug/L	93
35) Methylcyclohexane	6.18	83	59768	5.330	ug/L	99
37) 1,2-Dichloropropane	6.23	63	35702	5.351	ug/L	100
38) Bromodichloromethane	6.56	83	42618	5.342	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	46949	5.260	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	209378	49.998	ug/L	99
42) Toluene	7.43	91	155597	5.471	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	38010	5.123	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	23923	4.968	ug/L	97
47) Tetrachloroethene	8.02	164	37098	5.353	ug/L	99
48) 2-Hexanone	8.19	43	147172	50.529	ug/L	99
49) Dibromochloromethane	8.30	129	29533	5.373	ug/L	100
50) 1,2-Dibromoethane	8.40	107	23232	5.278	ug/L #	97
51) Chlorobenzene	8.93	112	103565	5.272	ug/L	99
52) Ethylbenzene	9.06	91	168151	5.300	ug/L	100
53) m,p-xylene	9.18	106	65434	5.416	ug/L	96
54) o-xylene	9.59	106	61148	5.240	ug/L	99
55) Styrene	9.61	104	106492	5.343	ug/L	98
56) Isopropylbenzene	9.98	105	170742	5.402	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	28723	5.079	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	21191	5.105	ug/L	98
61) Bromoform	9.78	173	15895	5.445	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	86255	5.375	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	87551	5.247	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	81251	5.371	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3874	5.027	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	75338	5.483	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	60109	5.176	ug/L	98
69) Naphthalene	13.56	128	77947	4.798	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	54669	5.198	ug/L	99

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

