

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112818\
 Data File : VV008758.D
 Acq On : 29 Nov 2018 00:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00569

Quant Time: Nov 29 03:29:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 29 03:24:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	161722	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	146358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72135	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46453	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.59	69	33908	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.14	63	86850	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.80%
20) 2-Butanone-d5	3.96	46	123180	48.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.56%
24) Chloroform-d	4.41	84	107237	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	51122	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	215545	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	64731	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	202098	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	21652	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.14	63	87590	48.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43518	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	71464	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	71568	5.151	ug/L 99
3) Chloromethane	1.25	50	55906	5.031	ug/L 98
5) Vinyl chloride	1.32	62	55503	5.024	ug/L 100
6) Bromomethane	1.54	94	31958	5.178	ug/L 97
8) Chloroethane	1.60	64	28648	5.296	ug/L 97
9) Trichlorofluoromethane	1.77	101	81798	5.330	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	45943	5.086	ug/L 99
12) 1,1-Dichloroethene	2.14	96	40611	5.030	ug/L 96
13) Acetone	2.21	43	58452	46.923	ug/L 99
14) Carbon disulfide	2.32	76	119105	4.824	ug/L 99
15) Methyl Acetate	2.47	43	16582	5.062	ug/L 98
16) Methylene chloride	2.54	84	42219	4.701	ug/L 92
17) Methyl tert-butyl Ether	2.81	73	96373	5.039	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	42964	4.938	ug/L 96
19) 1,1-Dichloroethane	3.23	63	102862	5.259	ug/L 100
21) 2-Butanone	4.05	43	125062	48.955	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	61232	5.109	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	25576	5.182	ug/L	94
25) Chloroform	4.43	83	105088	5.057	ug/L	94
27) 1,2-Dichloroethane	5.18	62	61224	5.185	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	87945	5.125	ug/L	99
30) Cyclohexane	4.72	56	92357	5.058	ug/L	97
31) Carbon tetrachloride	4.88	117	74312	5.171	ug/L	98
33) Benzene	5.15	78	227904	5.166	ug/L	100
34) Trichloroethene	5.96	95	62187	5.118	ug/L	99
35) Methylcyclohexane	6.18	83	99453	5.138	ug/L	98
37) 1,2-Dichloropropane	6.23	63	55324	5.018	ug/L	98
38) Bromodichloromethane	6.56	83	63998	5.116	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	72922	4.963	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	297583	51.665	ug/L	99
42) Toluene	7.43	91	239213	5.242	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	56503	4.920	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	37452	5.097	ug/L	94
47) Tetrachloroethene	8.02	164	47598	5.196	ug/L	98
48) 2-Hexanone	8.19	43	206330	51.742	ug/L	99
49) Dibromochloromethane	8.29	129	39239	5.086	ug/L	97
50) 1,2-Dibromoethane	8.40	107	34386	5.201	ug/L	100
51) Chlorobenzene	8.93	112	155513	4.699	ug/L	98
52) Ethylbenzene	9.06	91	256445	5.156	ug/L	99
53) m,p-xylene	9.18	106	97958	5.249	ug/L	97
54) o-xylene	9.59	106	94889	5.284	ug/L	98
55) Styrene	9.60	104	160838	5.460	ug/L	100
56) Isopropylbenzene	9.98	105	253593	5.312	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	40641	5.187	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	32159	5.185	ug/L	98
61) Bromoform	9.78	173	19167	4.859	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	117198	5.059	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	117561	4.714	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	108704	4.689	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	5547	4.750	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.69	180	86114	5.114	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	62433	5.040	ug/L	94
69) Naphthalene	13.56	128	91054	5.052	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	59479	5.297	ug/L	99

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

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