

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV113018\
 Data File : VV008821.D
 Acq On : 30 Nov 2018 18:56
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00573

Quant Time: Dec 01 03:55:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 01 03:50:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	149052	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	136948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66373	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48057	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.59	69	33043	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.14	63	88094	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.96	46	120826	52.31	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	4.41	84	107177	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.09	65	52081	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.10	84	219047	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.12	67	63609	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	203539	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.67	79	22799	5.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.20%
46) 2-Hexanone-d5	8.14	63	97204	55.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42427	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	75177	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	64054	4.857	ug/L 97
3) Chloromethane	1.25	50	46148	4.673	ug/L 99
5) Vinyl chloride	1.32	62	48335	4.920	ug/L 99
6) Bromomethane	1.54	94	21702	3.521	ug/L 97
8) Chloroethane	1.60	64	24151	4.294	ug/L 100
9) Trichlorofluoromethane	1.77	101	77737	5.298	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	41566	4.951	ug/L 99
12) 1,1-Dichloroethene	2.14	96	35723	4.873	ug/L 97
13) Acetone	2.21	43	52910	45.966	ug/L 99
14) Carbon disulfide	2.32	76	101014	4.748	ug/L 99
15) Methyl Acetate	2.47	43	13503	4.383	ug/L 97
16) Methylene chloride	2.54	84	37239	4.505	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	87673	4.857	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	39499	4.903	ug/L 94
19) 1,1-Dichloroethane	3.23	63	89617	5.006	ug/L 100
21) 2-Butanone	4.05	43	107172	46.447	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	55438	4.898	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	23402	5.040	ug/L	98
25) Chloroform	4.43	83	93364	4.798	ug/L	96
27) 1,2-Dichloroethane	5.19	62	54136	4.842	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	81071	5.072	ug/L	99
30) Cyclohexane	4.72	56	79517	4.724	ug/L	98
31) Carbon tetrachloride	4.88	117	69595	5.030	ug/L	98
33) Benzene	5.15	78	204241	4.973	ug/L	100
34) Trichloroethene	5.96	95	55576	4.867	ug/L	97
35) Methylcyclohexane	6.18	83	85768	4.737	ug/L	99
37) 1,2-Dichloropropane	6.23	63	47942	4.696	ug/L	99
38) Bromodichloromethane	6.56	83	57019	4.891	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	64827	4.835	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	254090	48.091	ug/L	98
42) Toluene	7.43	91	218639	5.086	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	50760	4.803	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	33390	4.930	ug/L	98
47) Tetrachloroethene	8.02	164	45540	5.157	ug/L	99
48) 2-Hexanone	8.19	43	178147	48.028	ug/L	98
49) Dibromochloromethane	8.29	129	36993	5.016	ug/L	99
50) 1,2-Dibromoethane	8.40	107	32367	5.091	ug/L	99
51) Chlorobenzene	8.93	112	141048	4.985	ug/L	99
52) Ethylbenzene	9.06	91	234361	5.039	ug/L	100
53) m,p-xylene	9.18	106	88005	5.045	ug/L	100
54) o-xylene	9.59	106	86999	5.170	ug/L	96
55) Styrene	9.60	104	146563	5.238	ug/L	99
56) Isopropylbenzene	9.98	105	231718	5.055	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	37119	5.139	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	28259	4.824	ug/L	99
61) Bromoform	9.78	173	18400	5.113	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	108460	4.965	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	109530	5.068	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	103168	5.006	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4949	4.876	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	82714	5.159	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	61356	5.188	ug/L	97
69) Naphthalene	13.56	128	83932	4.853	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	58456	5.298	ug/L	97

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

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