

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092018\
 Data File : VV007644.D
 Acq On : 20 Sep 2018 09:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00572

Quant Time: Sep 21 01:35:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 20 07:48:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	114223	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	106445	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23879	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	22218	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.13	63	64119	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.98	46	61074	51.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.00%
24) Chloroform-d	4.40	84	57006	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.09	65	28865	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	108443	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	31482	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	109622	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	13414	5.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.14	63	48380	49.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26304	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	49223	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	45117	4.911	ug/L	100
3) Chloromethane	1.25	50	34529	4.844	ug/L	98
5) Vinyl chloride	1.32	62	41205	4.963	ug/L	99
6) Bromomethane	1.54	94	31222	5.601	ug/L	100
8) Chloroethane	1.60	64	25346	4.691	ug/L	99
9) Trichlorofluoromethane	1.77	101	85377	4.918	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	47365	5.015	ug/L	96
12) 1,1-Dichloroethene	2.14	96	41962	5.042	ug/L	95
13) Acetone	2.23	43	54618	47.342	ug/L	96
14) Carbon disulfide	2.32	76	116110	5.234	ug/L	100
15) Methyl Acetate	2.48	43	13652	4.800	ug/L	98
16) Methylene chloride	2.54	84	40878	4.839	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	96548	4.957	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	45599	4.987	ug/L	98
19) 1,1-Dichloroethane	3.23	63	57554	4.640	ug/L	100
21) 2-Butanone	4.06	43	70086	48.162	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	39912	4.942	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	17809	4.845	ug/L	95
25) Chloroform	4.43	83	66787	5.042	ug/L	98
27) 1,2-Dichloroethane	5.19	62	39278	4.906	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	63362	5.013	ug/L	99
30) Cyclohexane	4.72	56	53061	4.920	ug/L	98
31) Carbon tetrachloride	4.87	117	58683	5.075	ug/L	98
33) Benzene	5.15	78	138406	4.896	ug/L	100
34) Trichloroethene	5.96	95	41413	4.980	ug/L	96
35) Methylcyclohexane	6.18	83	62574	4.874	ug/L	98
37) 1,2-Dichloropropane	6.22	63	31373	4.595	ug/L	100
38) Bromodichloromethane	6.56	83	44434	4.933	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	50131	5.075	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	180288	48.817	ug/L	99
42) Toluene	7.43	91	159789	4.963	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	41062	5.122	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	25457	4.845	ug/L	96
47) Tetrachloroethene	8.02	164	40611	4.970	ug/L	98
48) 2-Hexanone	8.19	43	130150	49.759	ug/L	97
49) Dibromochloromethane	8.29	129	33054	5.054	ug/L	97
50) 1,2-Dibromoethane	8.40	107	24168	4.852	ug/L #	99
51) Chlorobenzene	8.93	112	110604	4.954	ug/L	98
52) Ethylbenzene	9.06	91	178125	4.894	ug/L	98
53) m,p-xylene	9.18	106	70189	4.906	ug/L	100
54) o-xylene	9.59	106	69041	4.904	ug/L	97
55) Styrene	9.61	104	114459	4.974	ug/L	99
56) Isopropylbenzene	9.98	105	190801	4.981	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	28965	4.830	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	20508	4.902	ug/L	99
61) Bromoform	9.78	173	18633	4.839	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	97896	4.939	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	97443	4.890	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	89592	4.805	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4584	5.405	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.70	180	85024	4.951	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	70504	5.035	ug/L	99
69) Naphthalene	13.56	128	98782	4.722	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	63105	4.894	ug/L	97

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

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