

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092018\
 Data File : VV007685.D
 Acq On : 21 Sep 2018 05:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00574

Quant Time: Sep 21 06:05:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 03:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	108096	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56053	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19464	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	20252	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.14	63	53641	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.00%
20) 2-Butanone-d5	3.96	46	56014	49.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.84%
24) Chloroform-d	4.41	84	50878	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	25460	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	94092	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	27724	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	96119	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.67	79	10087	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	42061	45.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.58%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23504	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	43369	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	41029	4.719	ug/L 100
3) Chloromethane	1.25	50	30605	4.537	ug/L 99
5) Vinyl chloride	1.32	62	35302	4.493	ug/L 97
6) Bromomethane	1.54	94	21208	4.020	ug/L 99
8) Chloroethane	1.60	64	24868	4.864	ug/L 100
9) Trichlorofluoromethane	1.77	101	75702	4.608	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	41152	4.605	ug/L 97
12) 1,1-Dichloroethene	2.14	96	36830	4.676	ug/L 97
13) Acetone	2.21	43	45445	41.624	ug/L 99
14) Carbon disulfide	2.32	76	90826	4.327	ug/L 100
15) Methyl Acetate	2.47	43	12283	4.563	ug/L 96
16) Methylene chloride	2.54	84	37647	4.709	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	85284	4.627	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	39658	4.584	ug/L 98
19) 1,1-Dichloroethane	3.23	63	51425	4.381	ug/L 97
21) 2-Butanone	4.05	43	62827	45.621	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	35285	4.617	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	16611	4.776	ug/L	97
25) Chloroform	4.43	83	59548	4.751	ug/L	98
27) 1,2-Dichloroethane	5.19	62	35789	4.724	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	55469	4.610	ug/L	98
30) Cyclohexane	4.73	56	45794	4.460	ug/L	97
31) Carbon tetrachloride	4.88	117	50285	4.568	ug/L	98
33) Benzene	5.15	78	124562	4.629	ug/L	100
34) Trichloroethene	5.96	95	36437	4.602	ug/L	98
35) Methylcyclohexane	6.18	83	55493	4.540	ug/L	98
37) 1,2-Dichloropropane	6.23	63	28369	4.365	ug/L	99
38) Bromodichloromethane	6.56	83	37767	4.404	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	40958	4.355	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	160075	45.527	ug/L	100
42) Toluene	7.43	91	142273	4.642	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	32105	4.207	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	23727	4.743	ug/L	96
47) Tetrachloroethene	8.02	164	37018	4.758	ug/L	99
48) 2-Hexanone	8.19	43	113788	45.695	ug/L	97
49) Dibromochloromethane	8.30	129	27827	4.469	ug/L	97
50) 1,2-Dibromoethane	8.40	107	22406	4.725	ug/L	95
51) Chlorobenzene	8.93	112	98918	4.653	ug/L	97
52) Ethylbenzene	9.06	91	159685	4.608	ug/L	99
53) m,p-xylene	9.19	106	63253	4.644	ug/L	98
54) o-xylene	9.59	106	61214	4.567	ug/L	100
55) Styrene	9.61	104	102505	4.679	ug/L	97
56) Isopropylbenzene	9.98	105	169086	4.636	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	25850	4.528	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	18371	4.613	ug/L	100
61) Bromoform	9.78	173	15529	4.296	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	85999	4.621	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	88606	4.736	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	81978	4.683	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3505	4.402	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	73224	4.541	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	58301	4.434	ug/L	99
69) Naphthalene	13.56	128	77814	3.962	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	52823	4.363	ug/L	97

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

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