

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007247.D
 Acq On : 29 Aug 2018 02:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Aug 29 04:04:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	244879	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246393	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115720	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79593	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	67224	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	143843	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	3.97	46	223873	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	4.40	84	171999	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.09	65	85914	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	325999	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	105122	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	303271	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	35237	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.15	63	102948	48.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86669	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	103186	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96720	5.38	ug/L 100
3) Chloromethane	1.25	50	101441	5.14	ug/L 99
5) Vinyl chloride	1.32	62	98958	5.24	ug/L 98
6) Bromomethane	1.53	94	32692	4.84	ug/L 99
8) Chloroethane	1.60	64	62150	5.37	ug/L 100
9) Trichlorofluoromethane	1.77	101	140584	5.32	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	86779	5.23	ug/L 99
12) 1,1-Dichloroethene	2.14	96	79029	5.33	ug/L 94
13) Acetone	2.21	43	113034	51.93	ug/L 95
14) Carbon disulfide	2.32	76	216808	4.96	ug/L 99
15) Methyl Acetate	2.47	43	30958	5.36	ug/L 95
16) Methylene chloride	2.54	84	91192	5.08	ug/L 98
17) Methyl tert-butyl Ether	2.82	73	201689	5.29	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	87847	5.32	ug/L 96
19) 1,1-Dichloroethane	3.23	63	177956	5.30	ug/L 99
21) 2-Butanone	4.05	43	248636	54.94	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	97794	5.16	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	44834	5.22	ug/L	98
25) Chloroform	4.43	83	181953	5.41	ug/L	98
27) 1,2-Dichloroethane	5.19	62	105969	5.36	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	149350	5.20	ug/L	98
30) Cyclohexane	4.73	56	123061	4.87	ug/L	98
31) Carbon tetrachloride	4.88	117	126986	5.22	ug/L	100
33) Benzene	5.15	78	379115	5.19	ug/L	100
34) Trichloroethene	5.96	95	92143	5.00	ug/L	99
35) Methylcyclohexane	6.18	83	129260	4.80	ug/L	100
37) 1,2-Dichloropropane	6.23	63	103356	5.34	ug/L	100
38) Bromodichloromethane	6.56	83	121765	5.24	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	111913	4.66	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	554633	54.67	ug/L	97
42) Toluene	7.44	91	393359	5.49	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	97091	4.84	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	73053	5.23	ug/L	97
47) Tetrachloroethene	8.02	164	77368	5.08	ug/L	99
48) 2-Hexanone	8.20	43	453829	59.94	ug/L	98
49) Dibromochloromethane	8.30	129	81664	5.20	ug/L	98
50) 1,2-Dibromoethane	8.40	107	63862	5.35	ug/L	98
51) Chlorobenzene	8.93	112	243904	5.01	ug/L	100
52) Ethylbenzene	9.06	91	364130	5.06	ug/L	96
53) m,p-xylene	9.19	106	139451	5.09	ug/L	99
54) o-xylene	9.59	106	131955	5.17	ug/L	100
55) Styrene	9.61	104	238212	5.33	ug/L	100
56) Isopropylbenzene	9.98	105	350769	5.17	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	88631	5.43	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	63565	5.40	ug/L	99
61) Bromoform	9.78	173	45024	5.18	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	171909	4.95	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	180004	4.91	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	179716	5.18	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	9697	4.77	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	127569	5.02	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	87814	5.13	ug/L	99
69) Naphthalene	13.56	128	100231	4.69	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	85114	5.07	ug/L	99

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

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