

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073118\
 Data File : VV006776.D
 Acq On : 31 Jul 2018 09:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00568

Quant Time: Aug 01 01:38:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 31 07:41:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	216452	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	200725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93124	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52162	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	44839	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.13	63	113031	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	3.95	46	153066	43.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.98%
24) Chloroform-d	4.40	84	109688	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.09	65	53621	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.10	84	212648	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.12	67	70002	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	188395	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	7.67	79	23122	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	8.14	63	123910	43.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	53725	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	66288	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	99246	5.10	ug/L	# 85
3) Chloromethane	1.25	50	96658	5.84	ug/L	98
5) Vinyl chloride	1.32	62	106128	5.12	ug/L	97
6) Bromomethane	1.54	94	32685	6.45	ug/L	97
8) Chloroethane	1.60	64	62648	5.53	ug/L	99
9) Trichlorofluoromethane	1.77	101	131702	5.54	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	82770	5.72	ug/L	99
12) 1,1-Dichloroethene	2.14	96	75529	5.33	ug/L	96
13) Acetone	2.20	43	114794	51.26	ug/L	100
14) Carbon disulfide	2.32	76	229371	4.81	ug/L	99
15) Methyl Acetate	2.46	43	33418	5.03	ug/L	97
16) Methylene chloride	2.54	84	83227	5.12	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	184241	5.30	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	81382	5.28	ug/L	99
19) 1,1-Dichloroethane	3.23	63	153942	5.43	ug/L	99
21) 2-Butanone	4.04	43	185350	49.41	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	85223	5.31	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	34260	5.18	ug/L	96
25) Chloroform	4.43	83	145263	5.46	ug/L	98
27) 1,2-Dichloroethane	5.19	62	83118	5.33	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	120122	5.56	ug/L	99
30) Cyclohexane	4.72	56	129267	5.35	ug/L	100
31) Carbon tetrachloride	4.87	117	102512	5.55	ug/L	100
33) Benzene	5.15	78	333049	5.52	ug/L	100
34) Trichloroethene	5.96	95	82543	5.42	ug/L	97
35) Methylcyclohexane	6.18	83	140010	5.50	ug/L	99
37) 1,2-Dichloropropane	6.22	63	83878	5.41	ug/L	100
38) Bromodichloromethane	6.56	83	94115	5.44	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	107205	5.31	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	439418	51.60	ug/L	99
42) Toluene	7.43	91	344648	5.55	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	85747	5.40	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	55561	5.33	ug/L	97
47) Tetrachloroethene	8.02	164	67244	5.56	ug/L	99
48) 2-Hexanone	8.19	43	307748	51.79	ug/L	99
49) Dibromochloromethane	8.30	129	58958	5.34	ug/L	100
50) 1,2-Dibromoethane	8.40	107	49583	5.32	ug/L	99
51) Chlorobenzene	8.93	112	217160	5.37	ug/L	100
52) Ethylbenzene	9.06	91	360228	5.44	ug/L	99
53) m,p-xylene	9.19	106	138368	5.53	ug/L	99
54) o-xylene	9.59	106	132292	5.43	ug/L	99
55) Styrene	9.61	104	227331	5.53	ug/L	96
56) Isopropylbenzene	9.98	105	351707	5.56	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	63274	4.96	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	47521	5.21	ug/L	98
61) Bromoform	9.78	173	29117	5.14	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	153591	5.34	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	158369	5.40	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	148920	5.31	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7992	4.76	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	119235	5.42	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	88138	5.05	ug/L	99
69) Naphthalene	13.56	128	133710	4.48	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	83952	5.08	ug/L	99

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

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