

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006806.D
 Acq On : 02 Aug 2018 14:00
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00576

Quant Time: Aug 03 01:41:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 01:30:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	268897	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242772	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110559	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96458	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.58	69	82095	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.13	63	170898	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.00%
20) 2-Butanone-d5	3.96	46	255348	56.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.06%
24) Chloroform-d	4.40	84	168143	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	5.09	65	87353	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	341771	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.12	67	114003	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	306137	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.67	79	41245	5.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.80%
46) 2-Hexanone-d5	8.14	63	198090	58.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	88268	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	105319	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	104628	4.87	ug/L	98
3) Chloromethane	1.25	50	124387	4.01	ug/L	99
5) Vinyl chloride	1.32	62	114992	4.77	ug/L	96
6) Bromomethane	1.53	94	26746	4.45	ug/L	94
8) Chloroethane	1.60	64	74183	4.58	ug/L	99
9) Trichlorofluoromethane	1.77	101	146885	4.98	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	90847	4.90	ug/L	97
12) 1,1-Dichloroethene	2.14	96	82404	4.79	ug/L	95
13) Acetone	2.20	43	162444	51.00	ug/L	98
14) Carbon disulfide	2.32	76	243674	4.78	ug/L	99
15) Methyl Acetate	2.47	43	45740	4.77	ug/L	91
16) Methylene chloride	2.54	84	93690	4.56	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	227648	4.94	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	90799	4.85	ug/L	94
19) 1,1-Dichloroethane	3.23	63	172620	4.94	ug/L	98
21) 2-Butanone	4.05	43	257019	52.80	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	96400	4.80	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	42740	4.89	ug/L	95
25) Chloroform	4.43	83	164957	4.85	ug/L	97
27) 1,2-Dichloroethane	5.19	62	103608	5.01	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	138670	4.93	ug/L	100
30) Cyclohexane	4.72	56	145324	4.99	ug/L	99
31) Carbon tetrachloride	4.88	117	112332	4.85	ug/L	96
33) Benzene	5.15	78	369961	4.96	ug/L	100
34) Trichloroethene	5.96	95	91602	4.82	ug/L	97
35) Methylcyclohexane	6.18	83	148555	4.93	ug/L	98
37) 1,2-Dichloropropane	6.22	63	95109	4.86	ug/L #	96
38) Bromodichloromethane	6.56	83	110888	4.98	ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	130378	5.16	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	573566	52.99	ug/L	100
42) Toluene	7.44	91	368588	5.02	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	102783	4.94	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	70320	4.97	ug/L	99
47) Tetrachloroethene	8.02	164	72860	4.82	ug/L	94
48) 2-Hexanone	8.20	43	402236	54.77	ug/L	98
49) Dibromochloromethane	8.30	129	71434	5.00	ug/L	96
50) 1,2-Dibromoethane	8.40	107	61462	5.10	ug/L #	97
51) Chlorobenzene	8.93	112	234794	4.97	ug/L	99
52) Ethylbenzene	9.06	91	376260	4.91	ug/L	100
53) m,p-xylene	9.19	106	142350	5.00	ug/L	97
54) o-xylene	9.59	106	133759	4.66	ug/L	99
55) Styrene	9.61	104	219186	4.86	ug/L	99
56) Isopropylbenzene	9.98	105	361345	4.95	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	87904	5.14	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	62407	5.19	ug/L	99
61) Bromoform	9.78	173	38765	5.15	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	168352	4.82	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	165896	4.80	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	166436	4.85	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	12575	5.27	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	130039	4.84	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	104906	5.02	ug/L	99
69) Naphthalene	13.56	128	192329	5.28	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	102653	5.09	ug/L	98

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

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