

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080618\
 Data File : VV006898.D
 Acq On : 06 Aug 2018 17:20
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Quant Time: Aug 06 17:39:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 03:23:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	270585	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	261859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82428	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	80125	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	175577	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	3.96	46	250045	55.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.02%
24) Chloroform-d	4.40	84	174949	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.09	65	90436	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.10	84	316047	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	109459	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	287444	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	37515	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	160056	43.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	93794	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	95488	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	121534	5.62	ug/L 99
3) Chloromethane	1.25	50	126722	4.06	ug/L 97
5) Vinyl chloride	1.32	62	141348	5.82	ug/L 96
6) Bromomethane	1.54	94	25150	4.15	ug/L 93
8) Chloroethane	1.60	64	91355	5.60	ug/L 99
9) Trichlorofluoromethane	1.77	101	171232	5.77	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	107978	5.78	ug/L 99
12) 1,1-Dichloroethene	2.14	96	97331	5.63	ug/L 92
13) Acetone	2.20	43	199089	62.11	ug/L 100
14) Carbon disulfide	2.32	76	311384	6.07	ug/L 95
15) Methyl Acetate	2.47	43	56501	5.86	ug/L 97
16) Methylene chloride	2.54	84	123392	5.97	ug/L 95
17) Methyl tert-butyl Ether	2.82	73	262766	5.66	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	106404	5.65	ug/L 94
19) 1,1-Dichloroethane	3.23	63	212520	6.04	ug/L 98
21) 2-Butanone	4.05	43	285143	58.21	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	104991	5.19	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	48336	5.49	ug/L	96
25) Chloroform	4.43	83	194384	5.68	ug/L	99
27) 1,2-Dichloroethane	5.19	62	118811	5.71	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	164204	5.41	ug/L	98
30) Cyclohexane	4.72	56	139836	4.45	ug/L	99
31) Carbon tetrachloride	4.87	117	139189	5.57	ug/L	98
33) Benzene	5.15	78	404367	5.03	ug/L	100
34) Trichloroethene	5.96	95	99378	4.85	ug/L	94
35) Methylcyclohexane	6.18	83	141638	4.36	ug/L	93
37) 1,2-Dichloropropane	6.23	63	108044	5.12	ug/L #	96
38) Bromodichloromethane	6.56	83	131729	5.49	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	130881	4.80	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	616016	52.76	ug/L	97
42) Toluene	7.44	91	404377	5.11	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	115202	5.14	ug/L	93
45) 1,1,2-Trichloroethane	7.89	97	78679	5.16	ug/L	97
47) Tetrachloroethene	8.02	164	81192	4.98	ug/L	91
48) 2-Hexanone	8.20	43	447970	56.55	ug/L	99
49) Dibromochloromethane	8.30	129	86101	5.58	ug/L	100
50) 1,2-Dibromoethane	8.40	107	69180	5.32	ug/L	98
51) Chlorobenzene	8.93	112	252338	4.95	ug/L	99
52) Ethylbenzene	9.06	91	376585	4.55	ug/L	98
53) m,p-xylene	9.19	106	138899	4.53	ug/L	99
54) o-xylene	9.59	106	133258	4.30	ug/L	98
55) Styrene	9.61	104	218413	4.49	ug/L	98
56) Isopropylbenzene	9.98	105	351042	4.46	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	100294	5.43	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	72104	5.56	ug/L	97
61) Bromoform	9.78	173	45549	5.64	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	172459	4.60	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	175347	4.73	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	177329	4.82	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	13641	5.33	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	135927	4.71	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	97399	4.35	ug/L	98
69) Naphthalene	13.56	128	137043	3.51	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	96595	4.47	ug/L	95

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

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