

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071718\
 Data File : VV006626.D
 Acq On : 17 Jul 2018 21:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 5:49:05 PM

Quant Time: Jul 18 04:26:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 15:32:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	261521	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	243093	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118573	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100210	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.57	69	76924	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.13	63	185129	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	3.96	46	123338	35.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.46%
24) Chloroform-d	4.41	84	170465	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.09	65	85186	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.10	84	363770	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.12	67	113203	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.37	98	333607	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	39545	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	221680	45.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	89338	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	122449	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	126108m	4.75	ug/L	
3) Chloromethane	1.26	50	116304	3.94	ug/L	98
5) Vinyl chloride	1.32	62	137334	4.37	ug/L	95
6) Bromomethane	1.52	94	17771	1.42	ug/L	98
8) Chloroethane	1.59	64	77203	4.37	ug/L	97
9) Trichlorofluoromethane	1.76	101	165185	4.80	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	98408	4.79	ug/L	100
12) 1,1-Dichloroethene	2.14	96	97280	4.64	ug/L	99
13) Acetone	2.19	43	149296	42.72	ug/L	98
14) Carbon disulfide	2.32	76	316720	4.91	ug/L	100
15) Methyl Acetate	2.46	43	45104	4.18	ug/L	100
16) Methylene chloride	2.54	84	106606	4.07	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	242023	4.48	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	108881	4.73	ug/L	98
19) 1,1-Dichloroethane	3.23	63	199433	4.65	ug/L	100
21) 2-Butanone	4.04	43	273995	44.76	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	112970	4.68	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	45574	4.63	ug/L	96
25) Chloroform	4.43	83	187917	4.69	ug/L	96
27) 1,2-Dichloroethane	5.19	62	107631	4.53	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	152340	4.78	ug/L	100
30) Cyclohexane	4.73	56	165981	4.88	ug/L	100
31) Carbon tetrachloride	4.88	117	129288	4.89	ug/L	98
33) Benzene	5.15	78	434077	4.72	ug/L	100
34) Trichloroethene	5.96	95	107037	4.75	ug/L	98
35) Methylcyclohexane	6.18	83	174200	4.89	ug/L	99
37) 1,2-Dichloropropane	6.23	63	108702	4.69	ug/L	100
38) Bromodichloromethane	6.56	83	121036	4.64	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	144177	4.70	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	622563	46.61	ug/L	99
42) Toluene	7.44	91	454394	4.85	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	112424	4.72	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	74067	4.55	ug/L	99
47) Tetrachloroethene	8.02	164	86163	4.79	ug/L	97
48) 2-Hexanone	8.19	43	443969	46.60	ug/L	100
49) Dibromochloromethane	8.30	129	79465	4.82	ug/L	99
50) 1,2-Dibromoethane	8.40	107	66901	4.62	ug/L	96
51) Chlorobenzene	8.93	112	289263	4.75	ug/L	100
52) Ethylbenzene	9.06	91	486781	4.92	ug/L	99
53) m,p-xylene	9.19	106	189050	4.97	ug/L	99
54) o-xylene	9.59	106	183583	4.96	ug/L	98
55) Styrene	9.61	104	317068	4.99	ug/L	100
56) Isopropylbenzene	9.98	105	480812	5.07	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	93370	4.64	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	66275	4.59	ug/L	99
61) Bromoform	9.78	173	40836	4.65	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	215888	4.74	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	220135	4.74	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	212294	4.73	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12233	4.34	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	167670	4.78	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	136580	4.69	ug/L	99
69) Naphthalene	13.56	128	240754	4.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	130640	4.72	ug/L	99

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

