

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV071519\
 Data File : VV011883.D
 Acq On : 15 Jul 2019 11:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00560

Quant Time: Jul 16 03:53:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 13 04:20:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	184332	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	175328	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	86883	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60267	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	49543	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	93778	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.95	46	146116	50.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.52%
24) Chloroform-d	4.40	84	121437	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.08	65	62520	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.10	84	233543	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	71870	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	219675	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.66	79	26175	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.13	63	110461	51.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44047	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	76534	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	86858	4.788	ug/L	99
3) Chloromethane	1.25	50	85729	4.797	ug/L	99
5) Vinyl chloride	1.32	62	83290	4.783	ug/L	98
6) Bromomethane	1.54	94	46120	4.643	ug/L	93
8) Chloroethane	1.60	64	49147	4.744	ug/L	96
9) Trichlorofluoromethane	1.77	101	116138	5.111	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	48715	4.538	ug/L	96
12) 1,1-Dichloroethene	2.14	96	44425	4.511	ug/L	97
13) Acetone	2.21	43	75464	42.336	ug/L	98
14) Carbon disulfide	2.32	76	124624	4.705	ug/L	98
15) Methyl Acetate	2.46	43	21729	5.128	ug/L	98
16) Methylene chloride	2.53	84	61158	5.863	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	146681	5.155	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	66993	5.120	ug/L	91
19) 1,1-Dichloroethane	3.23	63	128210	5.188	ug/L	98
21) 2-Butanone	4.03	43	170995	52.881	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	70634	5.039	ug/L	97

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Instrument :
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 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	28795	4.860	ug/L	94
25) Chloroform	4.42	83	132065	4.845	ug/L	97
27) 1,2-Dichloroethane	5.18	62	81503	5.195	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	110485	4.999	ug/L	99
30) Cyclohexane	4.72	56	115214	5.078	ug/L	99
31) Carbon tetrachloride	4.87	117	96050	5.083	ug/L	98
33) Benzene	5.14	78	278026	5.094	ug/L	100
34) Trichloroethene	5.96	95	76943	4.941	ug/L	97
35) Methylcyclohexane	6.17	83	120012	5.250	ug/L	98
37) 1,2-Dichloropropane	6.22	63	68805	5.036	ug/L	98
38) Bromodichloromethane	6.55	83	83471	5.049	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	95465	5.100	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	423862	52.188	ug/L	99
42) Toluene	7.43	91	297484	5.192	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	75095	5.177	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	44721	4.889	ug/L	93
47) Tetrachloroethene	8.02	164	57347	5.000	ug/L	97
48) 2-Hexanone	8.19	43	304234	52.147	ug/L	97
49) Dibromochloromethane	8.29	129	49898	4.960	ug/L	99
50) 1,2-Dibromoethane	8.40	107	41366	4.898	ug/L	100
51) Chlorobenzene	8.92	112	186125	5.022	ug/L	99
52) Ethylbenzene	9.05	91	329901	5.211	ug/L	99
53) m,p-xylene	9.18	106	123843	5.300	ug/L	97
54) o-xylene	9.59	106	117080	5.256	ug/L	99
55) Styrene	9.60	104	202202	5.381	ug/L	100
56) Isopropylbenzene	9.97	105	317353	5.221	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	43534	4.828	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	39867	4.908	ug/L	99
61) Bromoform	9.77	173	24140	5.002	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	141046	5.027	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	145163	4.997	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	133641	5.033	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7379	4.521	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	113090	5.127	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	89896	5.147	ug/L	99
69) Naphthalene	13.55	128	134599	5.218	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	82542	5.204	ug/L	99

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

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