

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090319\
 Data File : VV012554.D
 Acq On : 03 Sep 2019 18:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: Sep 04 02:15:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 04 02:10:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	126717	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	128572	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	61744	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66266	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.58	69	67932	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.13	63	170641	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.60%
20) 2-Butanone-d5	3.96	46	141814	60.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.94%
24) Chloroform-d	4.40	84	110560	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.80%
26) 1,2-Dichloroethane-d4	5.08	65	58267	5.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.80%
32) Benzene-d6	5.09	84	198336	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.11	67	63130	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.36	98	184811	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
43) trans-1,3-Dichloropropene-	7.67	79	22640	5.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.80%
46) 2-Hexanone-d5	8.14	63	95349	61.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46697	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	59160	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	84117	5.184	ug/L 99
3) Chloromethane	1.25	50	106440	5.539	ug/L 99
5) Vinyl chloride	1.32	62	113157	5.428	ug/L 99
6) Bromomethane	1.53	94	66423	5.358	ug/L 98
8) Chloroethane	1.60	64	76779	5.371	ug/L 98
9) Trichlorofluoromethane	1.77	101	186374	5.831	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	100174	5.617	ug/L 98
12) 1,1-Dichloroethene	2.14	96	93604	5.710	ug/L 95
13) Acetone	2.23	43	186633	56.082	ug/L 98
14) Carbon disulfide	2.31	76	276159	5.240	ug/L 99
15) Methyl Acetate	2.47	43	46017	5.705	ug/L 99
16) Methylene chloride	2.53	84	103710	5.498	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	142164	5.106	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	66673	5.087	ug/L 99
19) 1,1-Dichloroethane	3.22	63	132543	5.255	ug/L 97
21) 2-Butanone	4.05	43	172543	54.189	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	68140	5.031	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	27903	5.158	ug/L	95
25) Chloroform	4.42	83	135272	5.117	ug/L	98
27) 1,2-Dichloroethane	5.18	62	83501	5.425	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	106993	5.022	ug/L	97
30) Cyclohexane	4.72	56	106464	4.843	ug/L	99
31) Carbon tetrachloride	4.87	117	91545	4.942	ug/L	99
33) Benzene	5.14	78	282805	5.357	ug/L	100
34) Trichloroethene	5.96	95	72004	4.923	ug/L	99
35) Methylcyclohexane	6.17	83	104839	4.716	ug/L	99
37) 1,2-Dichloropropane	6.22	63	71510	5.062	ug/L	100
38) Bromodichloromethane	6.55	83	90569	5.071	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	91733	4.993	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	441214	53.760	ug/L	100
42) Toluene	7.43	91	300263	5.233	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	71680	4.924	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	46521	5.209	ug/L	99
47) Tetrachloroethene	8.02	164	50244	4.754	ug/L	97
48) 2-Hexanone	8.19	43	328201	57.062	ug/L	99
49) Dibromochloromethane	8.29	129	52820	5.080	ug/L	99
50) 1,2-Dibromoethane	8.40	107	41082	5.154	ug/L	99
51) Chlorobenzene	8.92	112	177549	4.925	ug/L	97
52) Ethylbenzene	9.05	91	310168	4.955	ug/L	99
53) m,p-xylene	9.18	106	116457	5.130	ug/L	96
54) o-xylene	9.59	106	110789	5.172	ug/L	94
55) Styrene	9.60	104	190113	5.216	ug/L	100
56) Isopropylbenzene	9.97	105	296761	5.005	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	52018	5.176	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	40721	5.172	ug/L	99
61) Bromoform	9.77	173	25362	5.054	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	130165	4.883	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	129986	4.737	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	120712	4.941	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	8034	4.879	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	87817	4.458	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	63662	4.486	ug/L	98
69) Naphthalene	13.55	128	94326	4.483	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	61788	4.810	ug/L	97

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

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