

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV043019\
 Data File : VV010572.D
 Acq On : 30 Apr 2019 02:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: Apr 30 06:52:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 30 06:45:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	223587	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214072	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107965	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51451	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.57	69	31797	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.13	63	88772	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	3.94	46	126552	45.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.24%
24) Chloroform-d	4.40	84	148145	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.08	65	68965	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	274549	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.12	67	73887	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	279555	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
43) trans-1,3-Dichloropropene-	7.66	79	28128	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.13	63	110024	45.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58332	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	111175	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	87895	4.897	ug/L 96
3) Chloromethane	1.25	50	53334	4.482	ug/L 99
5) Vinyl chloride	1.32	62	59950	4.816	ug/L 97
6) Bromomethane	1.53	94	25293	4.693	ug/L 97
8) Chloroethane	1.59	64	28337	5.652	ug/L 95
9) Trichlorofluoromethane	1.77	101	118669	4.864	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	52803	4.363	ug/L 98
12) 1,1-Dichloroethene	2.14	96	47552	4.405	ug/L 97
13) Acetone	2.20	43	52429	37.522	ug/L 93
14) Carbon disulfide	2.32	76	114296	4.194	ug/L 95
15) Methyl Acetate	2.46	43	20797	4.486	ug/L 96
16) Methylene chloride	2.53	84	77523	4.748	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	145390	4.651	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	75484	4.894	ug/L 94
19) 1,1-Dichloroethane	3.23	63	124581	4.899	ug/L 97
21) 2-Butanone	4.03	43	123790	42.864	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	87611	5.262	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	38336	4.926	ug/L	90
25) Chloroform	4.43	83	145628	5.048	ug/L	100
27) 1,2-Dichloroethane	5.18	62	80344	4.891	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	132896	5.301	ug/L	99
30) Cyclohexane	4.72	56	93230	5.131	ug/L	99
31) Carbon tetrachloride	4.88	117	128943	5.378	ug/L	98
33) Benzene	5.15	78	288381	5.207	ug/L	100
34) Trichloroethene	5.96	95	89840	5.573	ug/L	99
35) Methylcyclohexane	6.18	83	106864	5.108	ug/L	97
37) 1,2-Dichloropropane	6.22	63	65634	5.140	ug/L #	97
38) Bromodichloromethane	6.56	83	96909	5.286	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	93330	5.062	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	309603	45.720	ug/L	99
42) Toluene	7.43	91	326059	5.364	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	74069	5.110	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	53574	4.949	ug/L	93
47) Tetrachloroethene	8.02	164	77986	5.179	ug/L	97
48) 2-Hexanone	8.18	43	223910	47.391	ug/L	96
49) Dibromochloromethane	8.29	129	68998	5.184	ug/L	97
50) 1,2-Dibromoethane	8.40	107	50461	5.047	ug/L	99
51) Chlorobenzene	8.93	112	221408	5.188	ug/L	98
52) Ethylbenzene	9.05	91	344469	5.378	ug/L	99
53) m,p-xylene	9.18	106	140658	5.590	ug/L	93
54) o-xylene	9.59	106	137093	5.573	ug/L	100
55) Styrene	9.60	104	221273	5.438	ug/L	97
56) Isopropylbenzene	9.97	105	355868	5.519	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	54373	4.605	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	39098	4.781	ug/L	99
61) Bromoform	9.78	173	36898	5.259	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	177657	5.334	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	175055	5.126	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	175752	5.359	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	9309	5.138	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	143427	5.136	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	110089	5.165	ug/L	99
69) Naphthalene	13.55	128	148000	4.669	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	107016	5.048	ug/L	99

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

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