

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV123119\
 Data File : VV014244.D
 Acq On : 31 Dec 2019 17:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Jan 01 03:07:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jan 01 03:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	842548	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	757518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	349643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	171170	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	153182	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	322033	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	3.94	46	554993	56.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.24%
24) Chloroform-d	4.40	84	462488	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	247516	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.09	84	964650	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.11	67	312127	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.35	98	862734	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.66	79	130673	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.13	63	598392	56.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	224224	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	288586	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	249674	3.908 ug/L	98
3) Chloromethane	1.25	50	277640	4.795 ug/L	99
5) Vinyl chloride	1.32	62	262729	4.779 ug/L	100
6) Bromomethane	1.53	94	122152	4.797 ug/L	99
8) Chloroethane	1.60	64	146338	4.995 ug/L	97
9) Trichlorofluoromethane	1.77	101	318094	4.504 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	159312	4.179 ug/L	98
12) 1,1-Dichloroethene	2.14	96	168328	4.523 ug/L	91
13) Acetone	2.21	43	318307	52.648 ug/L	93
14) Carbon disulfide	2.32	76	697988	4.285 ug/L	99
15) Methyl Acetate	2.47	43	113741	5.681 ug/L #	89
16) Methylene chloride	2.53	84	274223	4.371 ug/L	94
17) Methyl tert-butyl Ether	2.80	73	674431	4.893 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	256810	4.417 ug/L	95
19) 1,1-Dichloroethane	3.23	63	519106	4.815 ug/L	98
21) 2-Butanone	4.03	43	599281	53.374 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	302030	4.768 ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	112136	4.554	ug/L	90
25) Chloroform	4.42	83	549553	5.028	ug/L	99
27) 1,2-Dichloroethane	5.18	62	302478	4.942	ug/L #	93
29) 1,1,1-Trichloroethane	4.66	97	423756	4.609	ug/L	98
30) Cyclohexane	4.72	56	425910	4.236	ug/L	97
31) Carbon tetrachloride	4.87	117	343817	4.380	ug/L	98
33) Benzene	5.14	78	1099780	4.693	ug/L	100
34) Trichloroethene	5.96	95	292436	4.659	ug/L	98
35) Methylcyclohexane	6.17	83	420544	4.021	ug/L	98
37) 1,2-Dichloropropane	6.22	63	278691	4.896	ug/L	99
38) Bromodichloromethane	6.55	83	365272	4.809	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	454427	4.879	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1849995	52.254	ug/L	99
42) Toluene	7.43	91	1145508	4.451	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	350674	4.814	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	192732	4.965	ug/L	96
47) Tetrachloroethene	8.01	164	181224	4.130	ug/L	98
48) 2-Hexanone	8.18	43	1303469	53.238	ug/L	99
49) Dibromochloromethane	8.29	129	229646	4.639	ug/L	95
50) 1,2-Dibromoethane	8.39	107	178234	4.777	ug/L	92
51) Chlorobenzene	8.92	112	700155	4.399	ug/L	99
52) Ethylbenzene	9.05	91	1255262	4.393	ug/L	99
53) m,p-xylene	9.18	106	458839	4.273	ug/L	98
54) o-xylene	9.58	106	460817	4.394	ug/L	95
55) Styrene	9.60	104	773924	4.397	ug/L	96
56) Isopropylbenzene	9.97	105	1175082	4.273	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	220571	4.713	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	174016	5.002	ug/L	99
61) Bromoform	9.77	173	116578	4.568	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	506781	4.379	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	500500	4.326	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	468154	4.413	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	39343	4.503	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	352334	4.181	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	309087	4.182	ug/L	98
69) Naphthalene	13.55	128	573552	4.261	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	278639	4.318	ug/L	99

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

