

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010598.D
 Acq On : 01 May 2019 01:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00554

Quant Time: May 01 08:19:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 01 08:14:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	190838	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202569	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	92087	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54783	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.58	69	32849	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.13	63	114408	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.60%
20) 2-Butanone-d5	3.95	46	144614	59.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.56%
24) Chloroform-d	4.41	84	131836	5.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.60%
26) 1,2-Dichloroethane-d4	5.08	65	62784	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.10	84	252350	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.12	67	73906	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.36	98	241237	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	7.67	79	26575	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.14	63	116449	55.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	55582	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	86825	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	95168	5.648	ug/L 100
3) Chloromethane	1.25	50	85888	5.378	ug/L 96
5) Vinyl chloride	1.32	62	84501	5.374	ug/L 97
6) Bromomethane	1.54	94	46649	7.491	ug/L 89
8) Chloroethane	1.60	64	34977	4.560	ug/L 94
9) Trichlorofluoromethane	1.77	101	141114	5.628	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	73027	5.732	ug/L 96
12) 1,1-Dichloroethene	2.14	96	65219	5.868	ug/L 96
13) Acetone	2.21	43	84030	56.178	ug/L 98
14) Carbon disulfide	2.32	76	172969	5.495	ug/L 98
15) Methyl Acetate	2.47	43	26399	5.285	ug/L 100
16) Methylene chloride	2.53	84	76350	5.384	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	151824	6.006	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	73560	5.993	ug/L 100
19) 1,1-Dichloroethane	3.23	63	137346	6.026	ug/L 99
21) 2-Butanone	4.04	43	161767	60.632	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	80302	5.919	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	33023	6.031	ug/L	97
25) Chloroform	4.43	83	142453	5.835	ug/L	100
27) 1,2-Dichloroethane	5.18	62	86422	6.195	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	124677	5.641	ug/L	100
30) Cyclohexane	4.73	56	112552	5.508	ug/L	99
31) Carbon tetrachloride	4.87	117	112743	5.535	ug/L	96
33) Benzene	5.15	78	302010	5.766	ug/L	100
34) Trichloroethene	5.96	95	78907	5.183	ug/L	98
35) Methylcyclohexane	6.17	83	111704	5.271	ug/L	99
37) 1,2-Dichloropropane	6.22	63	73080	5.620	ug/L	100
38) Bromodichloromethane	6.56	83	90978	5.395	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	96632	5.316	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	423829	60.086	ug/L	99
42) Toluene	7.43	91	334235	5.724	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	74572	5.410	ug/L	92
45) 1,1,2-Trichloroethane	7.88	97	53492	6.030	ug/L	89
47) Tetrachloroethene	8.02	164	63396	5.459	ug/L	96
48) 2-Hexanone	8.19	43	301474	59.427	ug/L	99
49) Dibromochloromethane	8.29	129	60897	5.668	ug/L	93
50) 1,2-Dibromoethane	8.40	107	47840	5.679	ug/L	97
51) Chlorobenzene	8.93	112	214111	5.518	ug/L	100
52) Ethylbenzene	9.05	91	356728	5.606	ug/L	99
53) m,p-xylene	9.18	106	137844	5.691	ug/L	99
54) o-xylene	9.59	106	135763	5.644	ug/L	99
55) Styrene	9.60	104	226266	5.780	ug/L	98
56) Isopropylbenzene	9.97	105	351827	5.687	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	58841	5.419	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	44041	5.567	ug/L	97
61) Bromoform	9.77	173	29665	5.802	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	151572	5.453	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	154251	5.492	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	150357	5.710	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8959	5.508	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	112402	5.465	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	85300	5.423	ug/L	97
69) Naphthalene	13.55	128	134241	5.329	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	80672	5.589	ug/L	96

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

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