

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112619\
 Data File : VU035881.D
 Acq On : 27 Nov 2019 00:59
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Nov 27 03:22:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	234456	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	125141	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	155063	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.93	69	139837	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.60	63	248746	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	4.69	46	289614	40.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.72%
24) Chloroform-d	5.11	84	251354	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.75	65	139565	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.77	84	496170	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.73	67	163221	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	456424	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.21	79	60768	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.67	63	282551	53.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	139083	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	134308	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	136062	4.283	ug/L 100
3) Chloromethane	1.54	50	164069	4.195	ug/L 98
5) Vinyl chloride	1.62	62	177266	4.528	ug/L 93
6) Bromomethane	1.87	94	89857	4.466	ug/L 97
8) Chloroethane	1.95	64	109502	4.834	ug/L 98
9) Trichlorofluoromethane	2.16	101	215340	4.737	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	116250	4.502	ug/L 93
12) 1,1-Dichloroethene	2.61	96	103740	4.253	ug/L 93
13) Acetone	2.66	43	224922	36.131	ug/L 96
14) Carbon disulfide	2.83	76	328278	4.051	ug/L 100
15) Methyl Acetate	2.99	43	57593	4.615	ug/L 98
16) Methylene chloride	3.09	84	135496	4.597	ug/L 98
17) Methyl tert-butyl Ether	3.42	73	270270	4.579	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	108306	4.509	ug/L 98
19) 1,1-Dichloroethane	3.92	63	253803	4.703	ug/L 100
21) 2-Butanone	4.77	43	363520	46.148	ug/L 99
22) cis-1,2-Dichloroethene	4.72	96	121618	4.543	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	57940	4.968	ug/L	97
25) Chloroform	5.14	83	276936	5.273	ug/L	98
27) 1,2-Dichloroethane	5.84	62	159851	4.628	ug/L	96
29) 1,1,1-Trichloroethane	5.36	97	199037	4.720	ug/L	99
30) Cyclohexane	5.44	56	176974	4.295	ug/L	99
31) Carbon tetrachloride	5.57	117	171862	4.707	ug/L	99
33) Benzene	5.82	78	522698	4.795	ug/L	100
34) Trichloroethene	6.58	95	126523	4.734	ug/L	99
35) Methylcyclohexane	6.80	83	161195	4.110	ug/L	98
37) 1,2-Dichloropropane	6.83	63	148761	4.812	ug/L	99
38) Bromodichloromethane	7.15	83	172653	4.660	ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	174028	4.349	ug/L	96
40) 4-Methyl-2-pentanone	7.84	43	896311	47.226	ug/L	99
42) Toluene	8.01	91	546066	4.816	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	153929	4.639	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	100620	4.995	ug/L	97
47) Tetrachloroethene	8.59	164	94553	4.650	ug/L	92
48) 2-Hexanone	8.73	43	652097	46.668	ug/L	95
49) Dibromochloromethane	8.84	129	112609	4.739	ug/L	96
50) 1,2-Dibromoethane	8.96	107	89263	4.843	ug/L #	96
51) Chlorobenzene	9.48	112	312807	4.454	ug/L	98
52) Ethylbenzene	9.60	91	514541	4.389	ug/L	100
53) m,p-Xylene	9.72	106	187347	4.532	ug/L	99
54) o-Xylene	10.13	106	188709	4.701	ug/L	99
55) Styrene	10.14	104	314310	4.720	ug/L	100
56) Isopropylbenzene	10.51	105	483899	4.563	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	132271	4.745	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	93526	4.654	ug/L	99
61) Bromoform	10.32	173	63240	5.030	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	211729	4.714	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	203261	4.597	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	205131	4.787	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	15788	4.452	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	108174	4.008	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	47720	3.076	ug/L	99
69) Naphthalene	14.11	128	53400	2.445	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	51485	3.413	ug/L	97

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

