

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011119\
 Data File : VU029141.D
 Acq On : 11 Jan 2019 14:50
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00554

Quant Time: Jan 11 22:14:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 11 22:10:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	120736	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	121973	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58299	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38816	6.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.20%
7) Chloroethane-d5	1.68	69	33882	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.20%
11) 1,1-Dichloroethene-d2	2.27	63	77756	5.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.80%
20) 2-Butanone-d5	4.20	46	106953	63.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.66%
24) Chloroform-d	4.65	84	77546	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.40%
26) 1,2-Dichloroethane-d4	5.31	65	37134	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.34	84	155160	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.33	67	52235	5.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.60%
41) Toluene-d8	7.56	98	145401	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
43) trans-1,3-Dichloropropene-	7.85	79	18712	5.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.20%
46) 2-Hexanone-d5	8.31	63	91767	58.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	40942	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	50793	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	57891	5.475 ug/L	97
3) Chloromethane	1.32	50	62714	5.315 ug/L	98
5) Vinyl chloride	1.40	62	66569	5.522 ug/L	98
6) Bromomethane	1.63	94	28595	5.123 ug/L	96
8) Chloroethane	1.70	64	38878	5.651 ug/L	96
9) Trichlorofluoromethane	1.88	101	68094	4.939 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	44087	4.955 ug/L	97
12) 1,1-Dichloroethene	2.28	96	42002	4.855 ug/L	83
13) Acetone	2.33	43	70598	51.791 ug/L	100
14) Carbon disulfide	2.48	76	150580	4.982 ug/L	98
15) Methyl Acetate	2.62	43	22315	5.587 ug/L	95
16) Methylene chloride	2.70	84	48033	3.878 ug/L	93
17) Methyl tert-butyl Ether	3.00	73	102519	4.827 ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	46939	4.942 ug/L	99
19) 1,1-Dichloroethane	3.44	63	90017	5.583 ug/L	99
21) 2-Butanone	4.28	43	122881	60.253 ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	50570	5.147 ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	22079	5.538	ug/L	95
25) Chloroform	4.67	83	87379	5.704	ug/L	96
27) 1,2-Dichloroethane	5.40	62	52640	5.808	ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	69095	5.158	ug/L	97
30) Cyclohexane	4.99	56	74648	4.651	ug/L	97
31) Carbon tetrachloride	5.13	117	55378	5.192	ug/L	99
33) Benzene	5.39	78	200724	5.147	ug/L	100
34) Trichloroethene	6.18	95	49355	4.949	ug/L	97
35) Methylcyclohexane	6.41	83	76872	4.488	ug/L	93
37) 1,2-Dichloropropane	6.43	63	55339	5.569	ug/L	99
38) Bromodichloromethane	6.76	83	60162	5.378	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	67746	4.755	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	299146	56.580	ug/L	96
42) Toluene	7.63	91	207029	4.959	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	56308	5.072	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	34504	5.103	ug/L	91
47) Tetrachloroethene	8.22	164	39356	4.765	ug/L	97
48) 2-Hexanone	8.36	43	212955	58.228	ug/L	95
49) Dibromochloromethane	8.48	129	38044	5.299	ug/L	98
50) 1,2-Dibromoethane	8.58	107	32540	5.145	ug/L	100
51) Chlorobenzene	9.12	112	125862	4.806	ug/L	96
52) Ethylbenzene	9.25	91	206222	4.656	ug/L	100
53) m,p-xylene	9.37	106	80181	4.757	ug/L	97
54) o-xylene	9.78	106	77146	4.715	ug/L	99
55) Styrene	9.79	104	133612	4.906	ug/L	99
56) Isopropylbenzene	10.16	105	197932	4.587	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	45419	5.487	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	32173	5.554	ug/L	100
61) Bromoform	9.96	173	21741	5.466	ug/L	94
62) 1,3-Dichlorobenzene	11.41	146	92115	4.674	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	95969	4.772	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	91124	4.886	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	6765	6.144	ug/L #	82
67) 1,3,5-Trichlorobenzene	12.89	180	74427	4.881	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	60003	4.722	ug/L	98
69) Naphthalene	13.74	128	96744	4.451	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	57455	4.740	ug/L	99

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

