

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022119\
 Data File : VU029602.D
 Acq On : 21 Feb 2019 16:58
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00552

Quant Time: Feb 22 03:14:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 22 03:07:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	249993	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	246498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	137398	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76769	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.68	69	71877	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.27	63	166365	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.19	46	192443	52.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.26%
24) Chloroform-d	4.65	84	140089	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.31	65	76970	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.34	84	303740	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	90436	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.56	98	298393	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.85	79	35792	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.31	63	190127	51.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	82507	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	129434	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	96419	4.941 ug/L	99
3) Chloromethane	1.33	50	79635	4.722 ug/L	100
5) Vinyl chloride	1.40	62	103060	4.834 ug/L	99
6) Bromomethane	1.63	94	57976	4.912 ug/L	98
8) Chloroethane	1.70	64	65293	4.727 ug/L	97
9) Trichlorofluoromethane	1.88	101	151327	4.787 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	93651	4.800 ug/L	98
12) 1,1-Dichloroethene	2.28	96	88497	4.772 ug/L	99
13) Acetone	2.32	43	130635	49.261 ug/L	100
14) Carbon disulfide	2.48	76	286395	4.702 ug/L	99
15) Methyl Acetate	2.62	43	36965	4.778 ug/L	99
16) Methylene chloride	2.70	84	101251	4.617 ug/L	98
17) Methyl tert-butyl Ether	3.00	73	225343	5.082 ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	97720	4.842 ug/L	99
19) 1,1-Dichloroethane	3.44	63	138667	4.413 ug/L	99
21) 2-Butanone	4.28	43	188693	51.281 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	89514	4.843 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	41642	4.993	ug/L	99
25) Chloroform	4.67	83	154970	4.926	ug/L	99
27) 1,2-Dichloroethane	5.40	62	91485	4.924	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	125303	4.890	ug/L	100
30) Cyclohexane	4.99	56	121632	4.797	ug/L	97
31) Carbon tetrachloride	5.13	117	111267	4.989	ug/L	100
33) Benzene	5.39	78	318680	4.892	ug/L	100
34) Trichloroethene	6.18	95	88499	4.866	ug/L	98
35) Methylcyclohexane	6.41	83	144133	4.887	ug/L	99
37) 1,2-Dichloropropane	6.43	63	81283	4.953	ug/L	98
38) Bromodichloromethane	6.76	83	100458	4.904	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	118069	4.916	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	469164	50.868	ug/L	100
42) Toluene	7.63	91	364182	4.929	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	96341	4.997	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	63705	4.957	ug/L	97
47) Tetrachloroethene	8.22	164	82206	4.868	ug/L	98
48) 2-Hexanone	8.36	43	348639	51.686	ug/L	99
49) Dibromochloromethane	8.48	129	77969	5.009	ug/L	97
50) 1,2-Dibromoethane	8.58	107	63682	5.062	ug/L	100
51) Chlorobenzene	9.12	112	252719	4.979	ug/L	99
52) Ethylbenzene	9.25	91	407965	4.937	ug/L	98
53) m,p-xylene	9.37	106	163253	4.927	ug/L	99
54) o-xylene	9.77	106	161624	5.066	ug/L	96
55) Styrene	9.79	104	267968	5.028	ug/L	98
56) Isopropylbenzene	10.16	105	423434	4.946	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	79046	4.990	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	54253	4.951	ug/L	95
61) Bromoform	9.95	173	44171	4.848	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	210747	4.831	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	210592	4.760	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	204580	4.858	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	11392	4.602	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	167674	4.773	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	145328	4.896	ug/L	100
69) Naphthalene	13.74	128	232426	5.065	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	135879	4.888	ug/L	99

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

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