

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020119\
 Data File : VU029332.D
 Acq On : 01 Feb 2019 13:29
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV48

Quant Time: Feb 01 23:52:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR020119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 01 23:50:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	65370	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	65422	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	33288	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	25489	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.68	69	24945	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.27	63	67950	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.21	46	81130	49.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.02%
24) Chloroform-d	4.64	84	58861	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.31	65	35664	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.33	84	98260	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.33	67	30373	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.56	98	92856	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.85	79	15123	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	8.31	63	63972	51.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25716	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	35727	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	41232	4.770 ug/L	99
3) Chloromethane	1.32	50	32468	5.038 ug/L	98
5) Vinyl chloride	1.40	62	33758	4.928 ug/L	96
6) Bromomethane	1.63	94	23058	5.084 ug/L	99
8) Chloroethane	1.70	64	26087	5.075 ug/L	96
9) Trichlorofluoromethane	1.88	101	60365	4.786 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	27941	4.687 ug/L	99
12) 1,1-Dichloroethene	2.28	96	24907	4.910 ug/L	92
13) Acetone	2.35	43	69466	45.483 ug/L	100
14) Carbon disulfide	2.47	76	88323	4.618 ug/L	98
15) Methyl Acetate	2.62	43	16086	4.471 ug/L	99
16) Methylene chloride	2.70	84	27424	4.483 ug/L	93
17) Methyl tert-butyl Ether	3.00	73	74543	4.612 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	25912	4.567 ug/L	97
19) 1,1-Dichloroethane	3.44	63	55557	4.544 ug/L	99
21) 2-Butanone	4.29	43	81811	48.931 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	26596	4.846 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	11814	4.813	ug/L	96
25) Chloroform	4.67	83	55012	4.759	ug/L	99
27) 1,2-Dichloroethane	5.40	62	40430	4.597	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	51642	4.847	ug/L	100
30) Cyclohexane	4.99	56	41380	4.937	ug/L	100
31) Carbon tetrachloride	5.13	117	45521	4.868	ug/L	98
33) Benzene	5.38	78	104101	4.938	ug/L	100
34) Trichloroethene	6.18	95	27116	4.743	ug/L	98
35) Methylcyclohexane	6.41	83	41267	4.915	ug/L	97
37) 1,2-Dichloropropane	6.43	63	27715	4.857	ug/L	99
38) Bromodichloromethane	6.75	83	40125	4.865	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	40524	4.877	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	188436	47.775	ug/L	99
42) Toluene	7.63	91	112176	5.040	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	37688	5.011	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	18754	4.738	ug/L	96
47) Tetrachloroethene	8.22	164	22944	4.849	ug/L	97
48) 2-Hexanone	8.36	43	144007	48.731	ug/L	99
49) Dibromochloromethane	8.48	129	25501	4.811	ug/L	100
50) 1,2-Dibromoethane	8.59	107	18071	4.820	ug/L	97
51) Chlorobenzene	9.12	112	69447	4.807	ug/L	97
52) Ethylbenzene	9.25	91	120246	4.867	ug/L	100
53) m,p-xylene	9.37	106	45349	4.876	ug/L	91
54) o-xylene	9.78	106	44329	4.977	ug/L	98
55) Styrene	9.79	104	77731	5.079	ug/L	97
56) Isopropylbenzene	10.16	105	120617	4.978	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	24222	4.740	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	19087	4.695	ug/L	98
61) Bromoform	9.95	173	14902	4.871	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	56390	4.949	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	58211	4.896	ug/L	95
65) 1,2-Dichlorobenzene	11.88	146	55842	5.015	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	4837	4.989	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	47177	4.923	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	39881	4.871	ug/L	98
69) Naphthalene	13.74	128	64875	4.912	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	39169	4.885	ug/L	99

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

