

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032047.D
 Acq On : 16 May 2019 14:18
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV11

Quant Time: May 29 09:13:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 29 09:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	434507	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	424322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194280	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	168599	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.68	69	147533	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.27	63	281119	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	4.20	46	358183	49.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.70%
24) Chloroform-d	4.64	84	308932	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.31	65	156431	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.33	84	648816	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.33	67	184678	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.56	98	594616	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.85	79	69624	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.31	63	329134	53.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	151268	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	202459	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	111343	5.120	ug/L 98
3) Chloromethane	1.32	50	98958	4.742	ug/L 99
5) Vinyl chloride	1.40	62	107541	4.905	ug/L 98
6) Bromomethane	1.63	94	64874	5.133	ug/L 94
8) Chloroethane	1.69	64	61333	4.510	ug/L 100
9) Trichlorofluoromethane	1.88	101	132643	4.930	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	83218	4.669	ug/L 95
12) 1,1-Dichloroethene	2.28	96	84117	4.821	ug/L 92
13) Acetone	2.34	43	111616	47.315	ug/L 100
14) Carbon disulfide	2.47	76	274359	4.930	ug/L 100
15) Methyl Acetate	2.62	43	29999	4.435	ug/L 94
16) Methylene chloride	2.69	84	92429	4.438	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	197409	4.812	ug/L 98
18) trans-1,2-Dichloroethene	2.97	96	93486	5.005	ug/L 96
19) 1,1-Dichloroethane	3.44	63	149152	5.034	ug/L 99
21) 2-Butanone	4.29	43	178673	52.768	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	90680	4.935	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	39790	5.047	ug/L	95
25) Chloroform	4.67	83	151752	4.790	ug/L	100
27) 1,2-Dichloroethane	5.40	62	93187	5.093	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	124887	5.045	ug/L	96
30) Cyclohexane	4.98	56	120596	5.297	ug/L	98
31) Carbon tetrachloride	5.13	117	108798	5.169	ug/L	99
33) Benzene	5.38	78	345652	5.305	ug/L	100
34) Trichloroethene	6.18	95	89250	5.050	ug/L	99
35) Methylcyclohexane	6.41	83	132040	5.188	ug/L	98
37) 1,2-Dichloropropane	6.43	63	83056	5.214	ug/L	98
38) Bromodichloromethane	6.76	83	103677	5.088	ug/L	95
39) cis-1,3-Dichloropropene	7.27	75	114613	5.203	ug/L	94
40) 4-Methyl-2-pentanone	7.46	43	401603	54.381	ug/L	100
42) Toluene	7.63	91	368066	5.394	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	93086	5.435	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	61071	5.190	ug/L	96
47) Tetrachloroethene	8.22	164	72982	5.524	ug/L	92
48) 2-Hexanone	8.36	43	325412	56.808	ug/L	99
49) Dibromochloromethane	8.47	129	69375	5.115	ug/L	98
50) 1,2-Dibromoethane	8.58	107	57704	5.117	ug/L #	96
51) Chlorobenzene	9.12	112	227972	5.289	ug/L	96
52) Ethylbenzene	9.25	91	368768	5.387	ug/L	100
53) m,p-Xylene	9.37	106	134260	5.163	ug/L	98
54) o-Xylene	9.78	106	133909	5.342	ug/L	95
55) Styrene	9.79	104	232965	5.481	ug/L	98
56) Isopropylbenzene	10.16	105	343374	5.360	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	73160	4.983	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	51158	5.056	ug/L	95
61) Bromoform	9.95	173	37346	5.009	ug/L	96
62) 1,3-Dichlorobenzene	11.41	146	165612	5.350	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	172000	5.339	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	168407	5.362	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	11679	5.698	ug/L	89
67) 1,3,5-Trichlorobenzene	12.88	180	129413	5.617	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	98390	5.903	ug/L	99
69) Naphthalene	13.74	128	159918	6.455	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	97851	6.052	ug/L	98

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

