

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056705.D
 Acq On : 15 Jul 2019 12:33
 Operator : JC/SP
 Sample : K3591-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:31:28 AM

Quant Time: Jul 16 06:58:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 06:46:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	340925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	533995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	451102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143833	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	194849	51.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.34%	
35) Dibromofluoromethane	7.59	113	164471	49.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.98%	
50) Toluene-d8	10.09	98	626033	48.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.40	95	178669	41.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1150	0.267	ug/l	96
5) Bromomethane	2.56	94	1105	0.453	ug/l #	77
7) Trichlorofluoromethane	3.02	101	1170	0.220	ug/l #	67
11) Tert butyl alcohol	4.80	59	275	0.438	ug/l #	73
13) Acrolein	3.62	56	396	1.738	ug/l #	45
15) Acrylonitrile	5.01	53	1172m	0.647	ug/l	
16) Acetone	3.82	43	2009	1.156	ug/l #	80
17) Carbon Disulfide	4.05	76	2722	0.321	ug/l #	75
18) Methyl Acetate	4.34	43	3242	0.695	ug/l #	61
20) Methylene Chloride	4.56	84	1062	0.280	ug/l #	58
23) Vinyl Acetate	5.91	43	6457	0.728	ug/l #	90
25) 2-Butanone	6.85	43	1981	0.780	ug/l #	48
29) Tetrahydrofuran	7.23	42	1431	0.864	ug/l #	81
30) Chloroform	7.37	83	1667	0.263	ug/l	89
31) Cyclohexane	7.66	56	6625	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.79	75	1203	0.243	ug/l #	61
38) Carbon Tetrachloride	7.76	117	1330m	0.287	ug/l	
39) Methylcyclohexane	9.08	83	1415	0.232	ug/l	91
42) 1,2-Dichloroethane	8.13	62	1298	0.271	ug/l #	73
49) 1,4-Dioxane	9.20	88	209	2.751	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4814	0.971	ug/l	89
52) Toluene	10.15	92	1802	0.200	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	1927	0.738	ug/l #	88
59) 2-Hexanone	10.75	43	3408	0.958	ug/l	93
64) Tetrachloroethene	10.63	164	1077	0.277	ug/l #	79
65) Chlorobenzene	11.43	112	2192	0.238	ug/l	96
68) m/p-Xylenes	11.62	106	2701	0.446	ug/l	87
73) Isopropylbenzene	12.25	105	3019	0.260	ug/l	91
74) N-amyl acetate	12.07	43	919	0.213	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.50	83	816	0.209	ug/l #	88
77) Bromobenzene	12.52	156	691	0.228	ug/l	71
78) n-propylbenzene	12.59	91	3389	0.263	ug/l	94
79) 2-Chlorotoluene	12.67	91	2006	0.252	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	2322	0.236	ug/l	85

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81) trans-1,4-Dichloro-2-buten	12.40	75	82582	81.072	uq/l #	13
82) 4-Chlorotoluene	12.77	91	2406	0.318	uq/l	87
83) tert-Butylbenzene	12.99	119	2359	0.276	uq/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	2399	0.250	uq/l	99
85) sec-Butylbenzene	13.17	105	2856	0.261	uq/l	92
86) p-Isopropyltoluene	13.29	119	2768	0.280	uq/l	96
87) 1,3-Dichlorobenzene	13.28	146	1462	0.294	uq/l	95
88) 1,4-Dichlorobenzene	13.36	146	1560m	0.323	uq/l	
89) n-Butylbenzene	13.61	91	1957	0.246	uq/l	94
91) 1,2-Dichlorobenzene	13.66	146	1465	0.288	uq/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	1306	0.561	uq/l #	85
94) Hexachlorobutadiene	15.01	225	616	0.340	uq/l #	76
95) Naphthalene	15.13	128	3126	0.500	uq/l #	77
96) 1,2,3-Trichlorobenzene	15.32	180	1563	0.650	uq/l	93

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

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