Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112520\
Data File : BN012743.D
Acq On : 25 Nov 2020 22:07
Operator : CG/JU
Sample : L4485-10
Misc : MDL-WATER-03
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03

Manual Integrations APPROVED
mohammad
11/27/2020 11:46:30 AM

Quant Time: Nov 26 01:50:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 18:19:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	92291	20.00	ng/ul	0.00
20) Naphthalene-d8	10.19	136	389603	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.08	164	250712	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.84	188	534337	20.00	ng/ul	0.00
79) Chrysene-d12	21.06	240	561640	20.00	ng/ul	0.00
88) Perylene-d12	23.16	264	633561	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	9678	3.78	ng/uL	0.00
4) Pyridine-d5	3.36	84	204117	29.47	ng/ul	0.00
7) Phenol-d5	6.61	99	322032	38.98	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.78	67	215879	41.89	ng/ul	0.00
11) 2-Chlorophenol-d4	6.96	132	261466	40.25	ng/ul	0.00
15) 4-Methylphenol-d8	8.13	113	266312	39.57	ng/ul	0.00
21) Nitrobenzene-d5	8.58	128	125415	40.23	ng/ul	0.00
24) 2-Nitrophenol-d4	9.29	143	141660	41.16	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.82	165	252956	38.69	ng/ul	0.00
31) 4-Chloroaniline-d4	10.33	131	340487	37.23	ng/ul	0.00
46) Dimethylphthalate-d6	13.50	166	854940	41.94	ng/ul	0.00
49) Acenaphthylene-d8	13.77	160	997958	41.95	ng/ul	0.00
54) 4-Nitrophenol-d4	14.30	143	129760	35.98	ng/ul	0.00
60) Fluorene-d10	15.09	176	709166	41.20	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.22	200	135854	37.19	ng/ul	0.00
73) Anthracene-d10	16.94	188	1100501	41.21	ng/ul	0.00
81) Pyrene-d10	19.25	212	1221160	43.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.03	264	1303237	38.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	3286	1.233	ng/uL#	75
5) Pyridine	3.39	79	25873	3.626	ng/ul#	47
6) Benzaldehyde	6.58	77	22316	6.020	ng/ul	88
8) Phenol	6.63	94	28122	3.262	ng/ul#	85
10) Bis(2-Chloroethyl)ether	6.87	93	23560	3.437	ng/ul	96
12) 2-Chlorophenol	6.99	128	22923	3.428	ng/ul	94
13) 2-Methylphenol	7.88	108	18691	2.915	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	7.95	45	33950	3.512	ng/ul#	93
16) Acetophenone	8.25	105	36163	3.236	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.23	70	19943	3.443	ng/ul	98
18) 4-Methylphenol	8.20	108	22031	3.155	ng/ul	99
19) Hexachloroethane	8.48	117	10405	3.237	ng/ul	85
22) Nitrobenzene	8.62	77	31628	3.500	ng/ul	97
23) Isophorone	9.14	82	50943	3.216	ng/ul	98
25) 2-Nitrophenol	9.32	139	12529	3.336	ng/ul	95
26) 2,4-Dimethylphenol	9.39	107	25773	3.172	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.63	93	29837	3.270	ng/ul	99
29) 2,4-Dichlorophenol	9.85	162	21323	3.306	ng/ul	97
30) Naphthalene	10.23	128	75967	3.431	ng/ul	96
32) 4-Chloroaniline	10.36	127	27616	3.099	ng/ul	95
33) Hexachlorobutadiene	10.52	225	15002	3.419	ng/ul	98
34) Caprolactam	11.17	113	5064m	2.406	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.49	107	21112	2.851	ng/ul	93
36) 2-Methylnaphthalene	11.86	142	49553	3.173	ng/ul	99
37) 1-Methylnaphthalene	12.09	142	49091	3.261	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.25	216	25762	3.266	ng/ul	92
40) Hexachlorocyclopentadiene	12.22	237	11578	2.407	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.50	196	13896	2.766	ng/ul	94
42) 2,4,5-Trichlorophenol	12.57	196	16175	2.954	ng/ul	100
43) 1,1'-Biphenyl	12.90	154	65333	3.212	ng/ul	95
44) 2-Chloronaphthalene	12.94	162	53121	3.304	ng/ul	96
45) 2-Nitroaniline	13.16	65	14671	2.786	ng/ul	93
47) Dimethylphthalate	13.55	163	74941	3.590	ng/ul	99
48) 2,6-Dinitrotoluene	13.67	165	12165	2.946	ng/ul	97
50) Acenaphthylene	13.80	152	82121	3.361	ng/ul#	92
51) 3-Nitroaniline	14.00	138	9458	2.803	ng/ul#	99
52) Acenaphthene	14.15	153	60105	3.359	ng/ul	96
53) 2,4-Dinitrophenol	14.22	184	3738m	1.465	ng/ul	
55) 4-Nitrophenol	14.32	109	12682	3.366	ng/ul	90
56) Dibenzofuran	14.49	168	81873	3.310	ng/ul	92
57) 2,4-Dinitrotoluene	14.47	165	19277	3.202	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.72	232	14162	2.986	ng/ul#	93
59) Diethylphthalate	14.93	149	71694	3.309	ng/ul	98
61) Fluorene	15.14	166	68554	3.279	ng/ul#	86
62) 4-Chlorophenyl-phenylether	15.14	204	34477	3.462	ng/ul	99
63) 4-Nitroaniline	15.17	138	9077m	2.660	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.23	198	12971	3.290	ng/ul#	52
67) N-Nitrosodiphenylamine	15.36	169	56247	3.384	ng/ul	95
68) 4-Bromophenyl-phenylether	16.04	248	19908	3.301	ng/ul	90
69) Hexachlorobenzene	16.14	284	22615	3.195	ng/ul#	87
70) Atrazine	16.32	200	19210	2.959	ng/ul	96
71) Pentachlorophenol	16.49	266	10915	2.514	ng/ul	95
72) Phenanthrene	16.88	178	114326	3.509	ng/ul	98
74) Anthracene	16.97	178	112625	3.409	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	12.86	216	26940	3.521	ng/uL	97
76) Pentachlorobenzene	14.41	250	26484	3.271	ng/uL#	88
77) Carbazole	17.25	167	84765	2.921	ng/ul	98
78) Di-n-butylphthalate	17.83	149	106982	2.898	ng/ul#	97
80) Fluoranthene	18.91	202	124203	3.384	ng/ul	98
82) Pyrene	19.27	202	141637	3.676	ng/ul	96
83) Butylbenzylphthalate	20.21	149	46502	2.836	ng/ul	91
84) 3,3'-Dichlorobenzidine	20.99	252	37431	2.845	ng/ul	90
85) Benzo(a)anthracene	21.04	228	134827	3.594	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	20.99	149	74868	2.820	ng/ul	98
87) Chrysene	21.09	228	127691	3.497	ng/ul	98
89) Di-n-octyl phthalate	21.84	149	120104	2.434	ng/ul	100
90) Benzo(b)fluoranthene	22.54	252	134657	3.269	ng/ul	97
91) Benzo(k)fluoranthene	22.58	252	126475	3.059	ng/ul	97
93) Benzo(a)pyrene	23.07	252	124320	3.244	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	25.24	276	154091	3.148	ng/ul#	91
95) Dibenzo(a,h)anthracene	25.24	278	134968	3.266	ng/ul	99
96) Benzo(g,h,i)perylene	25.87	276	130718	3.232	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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