Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
Data File : BF120623.D
Acq On : 15 Jun 2020 16:35
Operator : JU/CG
Sample : L2182-07
Misc : MDL-MDL-WTR-5PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:40 AM

Quant Time: Jun 15 17:18:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162790	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	594739	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	312661	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	600798	20.00	ng		0.00
76) Chrysene-d12	13.95	240	488541	20.00	ng		-0.01
86) Perylene-d12	15.39	264	555860	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1290500	135.91	ng		0.00
7) Phenol-d6	6.43	99	1634434	138.20	ng		0.00
23) Nitrobenzene-d5	7.36	82	1035920	97.36	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	507648	139.65	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1873388	91.67	ng		0.00
79) Terphenyl-d14	12.90	244	2138550	96.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	21503	4.778	ng		97
3) Pyridine	3.30	79	39292	3.106	ng		94
4) n-Nitrosodimethylamine	3.15	42	21888	4.169	ng		97
6) Aniline	6.46	93	76855	5.078	ng		99
8) 2-Chlorophenol	6.58	128	53290	4.967	ng		94
9) Benzaldehyde	6.35	77	43201	5.775	ng		97
10) Phenol	6.45	94	64592	5.119	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	50535	4.808	ng		98
12) 1,3-Dichlorobenzene	6.74	146	57665	5.055	ng		99
13) 1,4-Dichlorobenzene	6.82	146	57683	5.125	ng		100
14) 1,2-Dichlorobenzene	6.97	146	54076	4.932	ng		99
15) Benzyl Alcohol	6.93	79	53228	6.347	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	74973	4.954	ng		99
17) 2-Methylphenol	7.05	107	41865	4.575	ng		97
18) Hexachloroethane	7.31	117	21349	5.148	ng		94
19) n-Nitroso-di-n-propylamine	7.20	70	35543	5.181	ng		97
20) 3+4-Methylphenols	7.20	107	52299	4.573	ng	#	72
22) Acetophenone	7.20	105	77132	5.801	ng		95
24) Nitrobenzene	7.37	77	57764	5.188	ng		92
25) Isophorone	7.61	82	98733	4.764	ng		93
26) 2-Nitrophenol	7.69	139	24411	4.144	ng		98
27) 2,4-Dimethylphenol	7.73	122	25943	2.991	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	63322	5.271	ng		100
29) 2,4-Dichlorophenol	7.93	162	41272	4.681	ng		95
30) 1,2,4-Trichlorobenzene	8.02	180	49237	5.040	ng		100
31) Naphthalene	8.10	128	160900	5.510	ng		99
32) Benzoic acid	7.79	122	11506m	1.729	ng		
33) 4-Chloroaniline	8.15	127	64400	4.804	ng		98
34) Hexachlorobutadiene	8.22	225	28551	5.013	ng		99
35) Caprolactam	8.47	113	13339	4.731	ng	#	83
36) 4-Chloro-3-methylphenol	8.62	107	42676	4.845	ng		92
37) 2-Methylnaphthalene	8.79	142	106459	5.584	ng		99
38) 1-Methylnaphthalene	8.89	142	100709	5.614	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	52119	5.583	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	15907	3.041	ng		94
43) 2,4,6-Trichlorophenol	9.07	196	28364	4.283	ng		95
44) 2,4,5-Trichlorophenol	9.11	196	31047	4.132	ng		97
46) 1,1'-Biphenyl	9.25	154	137937	5.908	ng		98
47) 2-Chloronaphthalene	9.28	162	101187	5.300	ng		96
48) 2-Nitroaniline	9.37	65	26117	4.356	ng		91
49) Acenaphthylene	9.69	152	159010	5.397	ng		97
50) Dimethylphthalate	9.55	163	113512	5.041	ng		100
51) 2,6-Dinitrotoluene	9.61	165	23155	4.537	ng		97
52) Acenaphthene	9.86	154	95246	5.420	ng		98
53) 3-Nitroaniline	9.77	138	25423	4.148	ng		96
54) 2,4-Dinitrophenol	9.89	184	4876	1.782	ng	#	78
55) Dibenzofuran	10.03	168	147155	5.461	ng		99
56) 4-Nitrophenol	9.94	139	16156	3.500	ng		96
57) 2,4-Dinitrotoluene	10.01	165	28879	4.265	ng	#	81
58) Fluorene	10.37	166	112752	5.428	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	26619	4.503	ng		97
60) Diethylphthalate	10.25	149	112301	5.064	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	55452	5.170	ng		97
62) 4-Nitroaniline	10.38	138	25085	4.122	ng		96
63) Azobenzene	10.53	77	106302	5.280	ng		95
65) 4,6-Dinitro-2-methylphenol	10.42	198	10346	2.870	ng		96
66) n-Nitrosodiphenylamine	10.49	169	97141	5.265	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	33461	4.907	ng	#	92
68) Hexachlorobenzene	10.92	284	38384	5.236	ng		96
69) Atrazine	11.01	200	31803	5.570	ng		99
70) Pentachlorophenol	11.12	266	11260	2.763	ng		92
71) Phenanthrene	11.33	178	165439	5.539	ng		98
72) Anthracene	11.39	178	167851	5.576	ng		97
73) Carbazole	11.55	167	151794	5.094	ng		99
74) Di-n-butylphthalate	11.87	149	175415	5.236	ng		99
75) Fluoranthene	12.52	202	180446	5.285	ng		97
77) Benzidine	12.65	184	84977	5.143	ng	#	94
78) Pyrene	12.75	202	187235	5.410	ng		97
80) Butylbenzylphthalate	13.37	149	71632	4.661	ng		94
81) Benzo(a)anthracene	13.94	228	170145	5.797	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	63431	5.658	ng		99
83) Chrysene	13.97	228	168676	5.603	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	103951	5.542	ng		99
85) Di-n-octyl phthalate	14.54	149	172766	4.827	ng		98
87) Indeno(1,2,3-cd)pyrene	16.79	276	178781	5.288	ng		99
88) Benzo(b)fluoranthene	14.97	252	157196	4.747	ng		99
89) Benzo(k)fluoranthene	15.00	252	165500	5.649	ng		99
90) Benzo(a)pyrene	15.32	252	141602	4.778	ng		100
91) Dibenzo(a,h)anthracene	16.80	278	151297	5.580	ng		96
92) Benzo(g,h,i)perylene	17.22	276	152638	5.585	ng		97

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

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