Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
Data File : BP007986.D
Acq On : 15 Nov 2021 17:38
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER 5ppm
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 17 12:10:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 17 12:06:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	138071	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	541562	20.000	ng		0.00
39) Acenaphthene-d10	14.475	164	359596	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	819719	20.000	ng	#	0.00
76) Chrysene-d12	21.327	240	1053599	20.000	ng		0.00
86) Perylene-d12	23.733	264	1221103	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	882773	103.719	ng		0.00
7) Phenol-d6	7.016	99	1207401	106.634	ng		0.00
23) Nitrobenzene-d5	8.999	82	754643	74.569	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	681461	120.446	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	1812415	70.699	ng		0.00
79) Terphenyl-d14	19.804	244	3209756	61.774	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	14357	4.008	ng		95
3) Pyridine	3.746	79	36639m	3.566	ng		
4) n-Nitrosodimethylamine	3.646	42	16893	4.451	ng	#	92
6) Aniline	7.169	93	61746	4.829	ng		98
8) 2-Chlorophenol	7.405	128	41385	4.599	ng		95
9) Benzaldehyde	6.981	77	34676	2.060	ng		97
10) Phenol	7.040	94	48086	4.377	ng		89
11) bis(2-Chloroethyl)ether	7.263	93	38761	4.293	ng		98
12) 1,3-Dichlorobenzene	7.728	146	45300	4.477	ng		99
13) 1,4-Dichlorobenzene	7.875	146	46470	4.517	ng		98
14) 1,2-Dichlorobenzene	8.187	146	44890	4.321	ng		99
15) Benzyl Alcohol	8.081	79	35476	4.142	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	44584	4.086	ng		94
17) 2-Methylphenol	8.287	107	32206	4.257	ng		99
18) Hexachloroethane	8.916	117	15433	4.424	ng		91
19) n-Nitroso-di-n-propyla...	8.646	70	29115	4.131	ng	#	95
20) 3+4-Methylphenols	8.616	107	42420	4.046	ng		98
22) Acetophenone	8.663	105	59783	4.340	ng	#	96
24) Nitrobenzene	9.040	77	48355	5.000	ng		96
25) Isophorone	9.569	82	77190	4.385	ng		98
26) 2-Nitrophenol	9.751	139	19332	3.915	ng	#	90
27) 2,4-Dimethylphenol	9.816	122	35366	4.849	ng		94
28) bis(2-Chloroethoxy)met...	10.051	93	50097	4.289	ng		99
29) 2,4-Dichlorophenol	10.293	162	37608	4.189	ng		98
30) 1,2,4-Trichlorobenzene	10.498	180	45580	4.437	ng		98
31) Naphthalene	10.687	128	129593	4.686	ng		96
32) Benzoic acid	9.910	122	8357	1.326	ng	#	87
33) 4-Chloroaniline	10.798	127	51856	4.366	ng		95
34) Hexachlorobutadiene	10.981	225	32444	4.622	ng		98
35) Caprolactam	11.581	113	10322	5.235	ng	#	88
36) 4-Chloro-3-methylphenol	11.928	107	40558	3.998	ng		91
37) 2-Methylnaphthalene	12.298	142	88047	4.357	ng		96
38) 1-Methylnaphthalene	12.516	142	82797	4.200	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	50361	4.203	ng		98
41) Hexachlorocyclopentadiene	12.651	237	18368	5.991	ng		96
43) 2,4,6-Trichlorophenol	12.910	196	31876	3.893	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	34147	3.839	ng		95
46) 1,1'-Biphenyl	13.310	154	115913	4.316	ng		97
47) 2-Chloronaphthalene	13.351	162	93663	4.458	ng		99
48) 2-Nitroaniline	13.557	65	21271	3.567	ng		93
49) Acenaphthylene	14.198	152	137764	4.310	ng		99
50) Dimethylphthalate	13.934	163	122274	4.298	ng		98
51) 2,6-Dinitrotoluene	14.051	165	23724	4.014	ng		97
52) Acenaphthene	14.539	154	87724	4.585	ng		99
53) 3-Nitroaniline	14.381	138	23565	3.910	ng		99
54) 2,4-Dinitrophenol	14.604	184	8799	2.467	ng	#	82
55) Dibenzofuran	14.875	168	148926	4.578	ng		97
56) 4-Nitrophenol	14.710	139	16475	3.355	ng	#	85
57) 2,4-Dinitrotoluene	14.845	165	31485	4.002	ng		92
58) Fluorene	15.528	166	118376	4.573	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.110	232	32710m	4.037	ng		
60) Diethylphthalate	15.304	149	119599	4.361	ng		98
61) 4-Chlorophenyl-phenyle...	15.522	204	63820	4.559	ng		97
62) 4-Nitroaniline	15.545	138	23196	3.745	ng		90
63) Azobenzene	15.816	77	96485	4.179	ng		97
65) 4,6-Dinitro-2-methylph...	15.616	198	16496	3.071	ng		87
66) n-Nitrosodiphenylamine	15.739	169	105964	4.516	ng		98
67) 4-Bromophenyl-phenylether	16.422	248	41534	4.332	ng		96
68) Hexachlorobenzene	16.539	284	49021	4.540	ng		95
69) Atrazine	16.698	200	39474m	6.453	ng		
70) Pentachlorophenol	16.892	266	24250	3.683	ng		93
71) Phenanthrene	17.275	178	201654	4.618	ng		99
72) Anthracene	17.369	178	197344	4.610	ng		99
73) Carbazole	17.639	167	177879	4.219	ng		99
74) Di-n-butylphthalate	18.198	149	193127	4.048	ng		99
75) Fluoranthene	19.251	202	255373	4.618	ng		97
77) Benzidine	19.427	184	121721	7.530	ng		98
78) Pyrene	19.598	202	270166	4.288	ng		99
80) Butylbenzylphthalate	20.480	149	92595	3.559	ng		94
81) Benzo(a)anthracene	21.316	228	303319	4.373	ng		98
82) 3,3'-Dichlorobenzidine	21.245	252	126573	3.953	ng		99
83) Chrysene	21.368	228	303745	4.569	ng		98
84) Bis(2-ethylhexyl)phtha...	21.245	149	155030	4.174	ng		97
85) Di-n-octyl phthalate	22.168	149	262199	3.830	ng		98
87) Indeno(1,2,3-cd)pyrene	26.239	276	394420	4.474	ng	#	94
88) Benzo(b)fluoranthene	22.998	252	338042	4.651	ng		99
89) Benzo(k)fluoranthene	23.051	252	337932	4.654	ng		98
90) Benzo(a)pyrene	23.627	252	324366	5.218	ng		97
91) Dibenzo(a,h)anthracene	26.256	278	337856	4.620	ng	#	97
92) Benzo(g,h,i)perylene	27.003	276	333178	4.622	ng		95

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

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