Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111621\
Data File : BP007997.D
Acq On : 16 Nov 2021 13:41
Operator : CG/JU
Sample : M4068-09
Misc : MDL-MDL-WATER 8ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT4-2021

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2021
Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 16 14:15:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 12:59:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	131653	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	528853	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	371689	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	831978	20.000	ng	#	0.00
76) Chrysene-d12	21.333	240	1023734	20.000	ng	#	0.00
86) Perylene-d12	23.739	264	1172538	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	991770	122.206	ng		0.00
7) Phenol-d6	7.016	99	1343011	124.393	ng		0.00
23) Nitrobenzene-d5	8.999	82	770774	77.993	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	750612	128.352	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	1945862	73.435	ng		0.00
79) Terphenyl-d14	19.810	244	3329521	65.948	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	25722	7.531	ng		98
3) Pyridine	3.746	79	64368	6.570	ng		95
4) n-Nitrosodimethylamine	3.640	42	30498	8.428	ng		98
6) Aniline	7.169	93	105634	8.664	ng		96
8) 2-Chlorophenol	7.405	128	67705	7.891	ng		98
9) Benzaldehyde	6.981	77	59248	8.509	ng		96
10) Phenol	7.040	94	83703	7.991	ng		90
11) bis(2-Chloroethyl)ether	7.269	93	66189	7.689	ng		97
12) 1,3-Dichlorobenzene	7.728	146	73245	7.591	ng		97
13) 1,4-Dichlorobenzene	7.875	146	74726	7.618	ng		97
14) 1,2-Dichlorobenzene	8.193	146	72590	7.329	ng		98
15) Benzyl Alcohol	8.081	79	57924	7.093	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	75686	7.275	ng		98
17) 2-Methylphenol	8.287	107	52346	7.256	ng		97
18) Hexachloroethane	8.922	117	25475	7.659	ng		87
19) n-Nitroso-di-n-propyla...	8.652	70	49879	7.421	ng		94
20) 3+4-Methylphenols	8.616	107	70836	7.086	ng		96
22) Acetophenone	8.663	105	98657	7.334	ng	#	98
24) Nitrobenzene	9.040	77	77558	8.212	ng		98
25) Isophorone	9.569	82	128374	7.468	ng		99
26) 2-Nitrophenol	9.757	139	33376	6.922	ng		96
27) 2,4-Dimethylphenol	9.822	122	60393	8.479	ng		95
28) bis(2-Chloroethoxy)met...	10.052	93	81477	7.143	ng		98
29) 2,4-Dichlorophenol	10.293	162	64509	7.357	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	75446	7.520	ng		99
31) Naphthalene	10.687	128	210428	7.792	ng		99
32) Benzoic acid	9.916	122	22515	3.658	ng		97
33) 4-Chloroaniline	10.804	127	87537	7.547	ng		98
34) Hexachlorobutadiene	10.981	225	53041	7.738	ng		95
35) Caprolactam	11.587	113	18403	9.557	ng	#	80
36) 4-Chloro-3-methylphenol	11.934	107	71622	7.229	ng		98
37) 2-Methylnaphthalene	12.304	142	158267	8.020	ng		98
38) 1-Methylnaphthalene	12.522	142	148043	7.691	ng		93
40) 1,2,4,5-Tetrachloroben...	12.675	216	88810	7.171	ng		99
41) Hexachlorocyclopentadiene	12.657	237	41461	7.291	ng		99
43) 2,4,6-Trichlorophenol	12.916	196	56752	6.706	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.993	196	61350	6.672	ng		97
46) 1,1'-Biphenyl	13.316	154	197950	7.130	ng		97
47) 2-Chloronaphthalene	13.357	162	160591	7.395	ng		99
48) 2-Nitroaniline	13.563	65	40960	6.645	ng		99
49) Acenaphthylene	14.204	152	249269	7.546	ng		98
50) Dimethylphthalate	13.940	163	212973	7.242	ng		100
51) 2,6-Dinitrotoluene	14.057	165	43337	7.094	ng		97
52) Acenaphthene	14.545	154	151998	7.687	ng		99
53) 3-Nitroaniline	14.387	138	41549	6.670	ng		98
54) 2,4-Dinitrophenol	14.604	184	17467	4.738	ng		98
55) Dibenzofuran	14.881	168	253498	7.538	ng		96
56) 4-Nitrophenol	14.710	139	31661	6.237	ng		92
57) 2,4-Dinitrotoluene	14.851	165	57832	7.112	ng		91
58) Fluorene	15.534	166	202719	7.577	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.110	232	58371m	6.970	ng		
60) Diethylphthalate	15.310	149	213345	7.527	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	112693	7.788	ng		99
62) 4-Nitroaniline	15.551	138	44028	6.878	ng		91
63) Azobenzene	15.822	77	177569	7.441	ng		97
65) 4,6-Dinitro-2-methylph...	15.622	198	29957	5.494	ng		88
66) n-Nitrosodiphenylamine	15.745	169	180385	7.575	ng		98
67) 4-Bromophenyl-phenylether	16.428	248	71609	7.359	ng		99
68) Hexachlorobenzene	16.545	284	87501	7.984	ng	#	89
69) Atrazine	16.704	200	69350	11.170	ng		99
70) Pentachlorophenol	16.892	266	44607	6.675	ng		95
71) Phenanthrene	17.281	178	336177	7.585	ng		99
72) Anthracene	17.375	178	338560	7.792	ng		99
73) Carbazole	17.645	167	302530	7.070	ng		99
74) Di-n-butylphthalate	18.204	149	341697	7.056	ng		99
75) Fluoranthene	19.251	202	427770	7.622	ng		97
77) Benzidine	19.433	184	218001	13.879	ng		99
78) Pyrene	19.604	202	450027	7.351	ng		99
80) Butylbenzylphthalate	20.486	149	160873	6.364	ng		95
81) Benzo(a)anthracene	21.316	228	491440	7.292	ng		100
82) 3,3'-Dichlorobenzidine	21.251	252	184613	5.935	ng		98
83) Chrysene	21.369	228	487571	7.548	ng		99
84) Bis(2-ethylhexyl)phtha...	21.251	149	259537	7.191	ng	#	99
85) Di-n-octyl phthalate	22.174	149	453978	6.825	ng		97
87) Indeno(1,2,3-cd)pyrene	26.245	276	641562	7.578	ng	#	94
88) Benzo(b)fluoranthene	23.004	252	540569	7.745	ng		98
89) Benzo(k)fluoranthene	23.051	252	543382	7.793	ng		98
90) Benzo(a)pyrene	23.633	252	525314	8.800	ng	#	98
91) Dibenzo(a,h)anthracene	26.262	278	542774	7.729	ng		97
92) Benzo(g,h,i)perylene	27.015	276	541493	7.822	ng	#	95

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

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