Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111921\
Data File : BP008051.D
Acq On : 19 Nov 2021 23:06
Operator : CG/JU
Sample : PB140857BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB140857BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 20 01:59:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	200565	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	788020	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	498862	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	988607	20.000	ng		0.00
76) Chrysene-d12	21.310	240	695105	20.000	ng		-0.01
86) Perylene-d12	23.704	264	587037	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	1527594	130.184	ng		0.00
7) Phenol-d6	7.011	99	1957279	120.334	ng		0.00
23) Nitrobenzene-d5	8.987	82	1326065	76.339	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	679135	107.574	ng		0.00
45) 2-Fluorobiphenyl	13.093	172	2561999	80.417	ng		0.00
79) Terphenyl-d14	19.786	244	3257472	92.136	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	168574	30.697	ng		98
3) Pyridine	3.723	79	428967	27.285	ng		99
4) n-Nitrosodimethylamine	3.634	42	283998	40.320	ng		97
6) Aniline	7.158	93	893249	43.503	ng		100
8) 2-Chlorophenol	7.393	128	571048	43.351	ng		97
9) Benzaldehyde	6.964	77	392144	39.840	ng		98
10) Phenol	7.034	94	774349	44.444	ng		100
11) bis(2-Chloroethyl)ether	7.252	93	601495	40.537	ng		99
12) 1,3-Dichlorobenzene	7.716	146	602667	39.856	ng		100
13) 1,4-Dichlorobenzene	7.863	146	613024	39.943	ng		99
14) 1,2-Dichlorobenzene	8.175	146	597390	40.564	ng		99
15) Benzyl Alcohol	8.075	79	600135	42.736	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.363	45	922092	39.871	ng		99
17) 2-Methylphenol	8.281	107	500874	43.633	ng		99
18) Hexachloroethane	8.905	117	233267	42.679	ng		99
19) n-Nitroso-di-n-propyla...	8.640	70	464265	38.526	ng		99
20) 3+4-Methylphenols	8.611	107	678281	42.625	ng		99
22) Acetophenone	8.652	105	841008	38.467	ng	#	99
24) Nitrobenzene	9.028	77	714476	41.962	ng		98
25) Isophorone	9.563	82	1238329	40.497	ng		99
26) 2-Nitrophenol	9.740	139	307914	42.488	ng		97
27) 2,4-Dimethylphenol	9.810	122	523370	47.919	ng		98
28) bis(2-Chloroethoxy)met...	10.040	93	778431	39.765	ng		100
29) 2,4-Dichlorophenol	10.275	162	559121	42.464	ng		99
30) 1,2,4-Trichlorobenzene	10.487	180	603455	40.305	ng		100
31) Naphthalene	10.675	128	1636789	40.885	ng		100
32) Benzoic acid	9.993	122	381300	40.723	ng		96
33) 4-Chloroaniline	10.787	127	537159	31.607	ng		99
34) Hexachlorobutadiene	10.963	225	404078	39.885	ng		99
35) Caprolactam	11.599	113	170878m	57.813	ng		
36) 4-Chloro-3-methylphenol	11.922	107	607508	39.972	ng		99
37) 2-Methylnaphthalene	12.287	142	1184586	40.083	ng		99
38) 1-Methylnaphthalene	12.504	142	1092024	37.730	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	665698	41.593	ng		99
41) Hexachlorocyclopentadiene	12.640	237	861098	118.416	ng		97
43) 2,4,6-Trichlorophenol	12.899	196	464593	42.138	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	492795	41.431	ng	98
46) 1,1'-Biphenyl	13.299	154	1468495	39.641	ng	99
47) 2-Chloronaphthalene	13.340	162	1185812	42.002	ng	99
48) 2-Nitroaniline	13.546	65	418289	41.349	ng	99
49) Acenaphthylene	14.187	152	1835625	41.854	ng	99
50) Dimethylphthalate	13.934	163	1486666	39.356	ng	100
51) 2,6-Dinitrotoluene	14.046	165	333939	42.195	ng	98
52) Acenaphthene	14.528	154	1067432	39.713	ng	100
53) 3-Nitroaniline	14.375	138	258510	31.261	ng	100
54) 2,4-Dinitrophenol	14.587	184	381458	77.244	ng	98
55) Dibenzofuran	14.869	168	1746690	37.744	ng	99
56) 4-Nitrophenol	14.698	139	494904	74.656	ng	99
57) 2,4-Dinitrotoluene	14.840	165	444917	40.659	ng	97
58) Fluorene	15.516	166	1304498	42.255	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	417240m	38.997	ng	
60) Diethylphthalate	15.298	149	1457793	37.617	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	707041	41.043	ng	99
62) 4-Nitroaniline	15.545	138	316413	37.181	ng	98
63) Azobenzene	15.804	77	1520095	37.616	ng	100
65) 4,6-Dinitro-2-methylph...	15.604	198	248828	37.268	ng	99
66) n-Nitrosodiphenylamine	15.728	169	1213260	43.252	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	463572	42.738	ng	99
68) Hexachlorobenzene	16.528	284	496962	42.874	ng	99
69) Atrazine	16.692	200	468414	65.323	ng	97
70) Pentachlorophenol	16.875	266	589145	79.049	ng	99
71) Phenanthrene	17.263	178	2121557	39.829	ng	100
72) Anthracene	17.357	178	2156787	40.898	ng	99
73) Carbazole	17.628	167	1879563	35.098	ng	100
74) Di-n-butylphthalate	18.186	149	2338795	40.076	ng	100
75) Fluoranthene	19.233	202	2371045	34.536	ng	99
77) Benzidine	19.410	184	1243932	102.766	ng	99
78) Pyrene	19.586	202	2383969	50.505	ng	99
80) Butylbenzylphthalate	20.463	149	919326	46.613	ng	98
81) Benzo(a)anthracene	21.298	228	1937125	41.554	ng	99
82) 3,3'-Dichlorobenzidine	21.233	252	573482	29.237	ng	98
83) Chrysene	21.351	228	1881523	42.534	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1258945	47.187	ng	99
85) Di-n-octyl phthalate	22.151	149	2081721	42.580	ng	100
87) Indeno(1,2,3-cd)pyrene	26.198	276	1815878	44.578	ng	99
88) Benzo(b)fluoranthene	22.974	252	1682317	45.835	ng	99
89) Benzo(k)fluoranthene	23.022	252	1658498	45.416	ng	100
90) Benzo(a)pyrene	23.598	252	1581494	51.413	ng	99
91) Dibenzo(a,h)anthracene	26.215	278	1535161	45.274	ng	100
92) Benzo(g,h,i)perylene	26.962	276	1598740	48.130	ng	99

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

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