Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010622\
Data File : BP008710.D
Acq On : 06 Jan 2022 15:21
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Quant Time: Jan 06 16:22:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 06 16:16:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	351108	20.000	ng	0.00
21) Naphthalene-d8	10.681	136	1605456	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	1174046	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2669341	20.000	ng	0.00
76) Chrysene-d12	21.363	240	2776965	20.000	ng	0.00
86) Perylene-d12	23.792	264	3316115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	3227078	167.763	ng	0.00
7) Phenol-d6	7.052	99	4530168	169.196	ng	0.00
23) Nitrobenzene-d5	9.040	82	4030062	149.330	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	3043782	191.621	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	11093081	136.893	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	564387	72.628	ng	98
3) Pyridine	3.764	79	1599682	75.464	ng	97
4) n-Nitrosodimethylamine	3.669	42	656193	95.869	ng	90
6) Aniline	7.205	93	2811512	90.347	ng	99
8) 2-Chlorophenol	7.446	128	1872950	82.658	ng	99
9) Benzaldehyde	7.016	77	1464689	96.116	ng	99
10) Phenol	7.081	94	2316141	85.688	ng	98
11) bis(2-Chloroethyl)ether	7.305	93	1738585	79.751	ng	99
12) 1,3-Dichlorobenzene	7.769	146	2022790	76.264	ng	99
13) 1,4-Dichlorobenzene	7.916	146	2074953	76.912	ng	99
14) 1,2-Dichlorobenzene	8.234	146	2031759	77.087	ng	100
15) Benzyl Alcohol	8.122	79	1679072	87.551	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.416	45	1950553	78.631	ng	99
17) 2-Methylphenol	8.328	107	1592026	84.639	ng	99
18) Hexachloroethane	8.963	117	704512	80.097	ng	97
19) n-Nitroso-di-n-propyla...	8.699	70	1421309	83.126	ng	99
20) 3+4-Methylphenols	8.663	107	2225616	84.223	ng	98
22) Acetophenone	8.704	105	2961573	76.928	ng	99
24) Nitrobenzene	9.081	77	2039565	79.352	ng	98
25) Isophorone	9.622	82	4064285	80.616	ng	100
26) 2-Nitrophenol	9.793	139	1149884	94.193	ng	96
27) 2,4-Dimethylphenol	9.863	122	1961452	89.042	ng	98
28) bis(2-Chloroethoxy)met...	10.093	93	2473618	70.868	ng	100
29) 2,4-Dichlorophenol	10.334	162	2121585	79.576	ng	100
30) 1,2,4-Trichlorobenzene	10.546	180	2227518	70.854	ng	100
31) Naphthalene	10.734	128	6112997	73.359	ng	99
32) Benzoic acid	10.057	122	1520748	109.301	ng	98
33) 4-Chloroaniline	10.840	127	2829996	79.201	ng	99
34) Hexachlorobutadiene	11.028	225	1341040	70.264	ng	99
35) Caprolactam	11.663	113	786454m	89.744	ng	
36) 4-Chloro-3-methylphenol	11.975	107	2143800	80.442	ng	99
37) 2-Methylnaphthalene	12.345	142	4852086	77.357	ng	99
38) 1-Methylnaphthalene	12.563	142	4494300	73.287	ng	100
40) 1,2,4,5-Tetrachloroben...	12.716	216	2785247	75.303	ng	100
41) Hexachlorocyclopentadiene	12.698	237	1716533	87.273	ng	100
43) 2,4,6-Trichlorophenol	12.951	196	1937646	80.518	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.028	196	2111000	79.447	ng		99
46)	1,1'-Biphenyl	13.351	154	6296282	72.506	ng		99
47)	2-Chloronaphthalene	13.392	162	4923538	72.345	ng		99
48)	2-Nitroaniline	13.598	65	1325893	88.873	ng		98
49)	Acenaphthylene	14.240	152	7852931	75.121	ng		99
50)	Dimethylphthalate	13.981	163	6575924	72.722	ng		99
51)	2,6-Dinitrotoluene	14.092	165	1503058	81.004	ng		96
52)	Acenaphthene	14.581	154	4759784	69.590	ng		99
53)	3-Nitroaniline	14.422	138	1585901	82.119	ng		98
54)	2,4-Dinitrophenol	14.628	184	922122	111.577	ng		95
55)	Dibenzofuran	14.916	168	7766555	70.830	ng		97
56)	4-Nitrophenol	14.739	139	1367939	89.950	ng		96
57)	2,4-Dinitrotoluene	14.881	165	2133528	86.175	ng		94
58)	Fluorene	15.569	166	6355090	74.376	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.145	232	1934151m	81.251	ng		
60)	Diethylphthalate	15.345	149	6469695	73.194	ng		99
61)	4-Chlorophenyl-phenyle...	15.563	204	3462414	72.742	ng		98
62)	4-Nitroaniline	15.592	138	1699269	86.638	ng		94
63)	Azobenzene	15.857	77	5253049	73.635	ng		98
65)	4,6-Dinitro-2-methylph...	15.651	198	1273213	94.855	ng		98
66)	n-Nitrosodiphenylamine	15.781	169	5762502	71.530	ng		99
67)	4-Bromophenyl-phenylether	16.457	248	2326459	79.651	ng		100
68)	Hexachlorobenzene	16.581	284	2663585	74.290	ng		99
69)	Atrazine	16.739	200	2454851	81.463	ng		98
70)	Pentachlorophenol	16.922	266	1843289	94.391	ng		100
71)	Phenanthrene	17.316	178	10328826	71.771	ng		99
72)	Anthracene	17.404	178	10577106	75.429	ng		98
73)	Carbazole	17.675	167	9875455	71.753	ng		99
74)	Di-n-butylphthalate	18.233	149	10222115	67.887	ng		100
75)	Fluoranthene	19.280	202	11595448	70.048	ng		98
77)	Benzidine	19.457	184	8452347	101.311	ng		99
78)	Pyrene	19.633	202	11768366	65.142	ng		98
80)	Butylbenzylphthalate	20.510	149	5161144	71.626	ng		95
81)	Benzo(a)anthracene	21.345	228	12064028	66.965	ng		98
82)	3,3'-Dichlorobenzidine	21.280	252	5680239	85.752	ng		99
83)	Chrysene	21.404	228	11667123	69.259	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.274	149	7086317	65.102	ng	#	98
85)	Di-n-octyl phthalate	22.204	149	13052814	77.471	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.351	276	18664658	83.793	ng		97
88)	Benzo(b)fluoranthene	23.057	252	14942809	70.069	ng		98
89)	Benzo(k)fluoranthene	23.104	252	13152267	62.038	ng		98
90)	Benzo(a)pyrene	23.692	252	14358560	83.518	ng		98
91)	Dibenzo(a,h)anthracene	26.368	278	15391223	81.908	ng		97
92)	Benzo(g,h,i)perylene	27.133	276	15882164	90.388	ng		98

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

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