Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111722\
Data File : BP012661.D
Acq On : 17 Nov 2022 13:55
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 17 23:34:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 23:28:47 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.046	152	455749	20.000	ng		0.00
21) Naphthalene-d8	10.863	136	1856706	20.000	ng		0.00
39) Acenaphthene-d10	14.681	164	1205502	20.000	ng		0.00
64) Phenanthrene-d10	17.434	188	2636500	20.000	ng		0.00
76) Chrysene-d12	21.528	240	2349615	20.000	ng		0.00
86) Perylene-d12	24.045	264	2269891	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	3647640	149.033	ng		0.00
7) Phenol-d6	7.199	99	5045285	148.508	ng		0.01
23) Nitrobenzene-d5	9.216	82	4908561	146.668	ng		0.00
42) 2,4,6-Tribromophenol	16.175	330	2268921	137.871	ng		0.01
45) 2-Fluorobiphenyl	13.310	172	10901465	137.282	ng		0.00
79) Terphenyl-d14	19.986	244	14272385	123.061	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	736774	70.168	ng		99
3) Pyridine	3.852	79	2460110m	80.375	ng		
4) n-Nitrosodimethylamine	3.770	42	1030256	90.931	ng		94
6) Aniline	7.369	93	3285402	76.425	ng		100
8) 2-Chlorophenol	7.605	128	2272975	73.330	ng		98
10) Phenol	7.222	94	2870205	74.780	ng		99
11) bis(2-Chloroethyl)ether	7.464	93	2276940	71.741	ng		99
12) 1,3-Dichlorobenzene	7.934	146	2508467	73.443	ng		99
13) 1,4-Dichlorobenzene	8.081	146	2554574	73.078	ng		99
14) 1,2-Dichlorobenzene	8.405	146	2395073	72.001	ng		99
15) Benzyl Alcohol	8.287	79	2019796	79.437	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.581	45	3151306	76.454	ng		100
17) 2-Methylphenol	8.481	107	2000170	75.632	ng		99
18) Hexachloroethane	9.134	117	886611	70.922	ng		96
19) n-Nitroso-di-n-propyla...	8.869	70	1684160	68.290	ng		99
20) 3+4-Methylphenols	8.822	107	2843157	76.492	ng		97
22) Acetophenone	8.875	105	3334888	72.120	ng	#	99
24) Nitrobenzene	9.258	77	2581320	74.087	ng		100
25) Isophorone	9.787	82	5038698	80.142	ng		99
26) 2-Nitrophenol	9.969	139	1334202	79.782	ng		99
27) 2,4-Dimethylphenol	10.022	122	2005014	80.253	ng		99
28) bis(2-Chloroethoxy)met...	10.269	93	2855442	73.298	ng		99
29) 2,4-Dichlorophenol	10.505	162	2444515	82.595	ng		99
30) 1,2,4-Trichlorobenzene	10.722	180	2544479	79.332	ng		100
31) Naphthalene	10.916	128	7486793	74.223	ng		99
32) Benzoic acid	10.216	122	1865451	79.634	ng		98
33) 4-Chloroaniline	11.022	127	3279846	77.959	ng		99
34) Hexachlorobutadiene	11.205	225	1543532	76.065	ng		97
35) Caprolactam	11.840	113	847100m	85.633	ng		
36) 4-Chloro-3-methylphenol	12.134	107	2507742	75.070	ng		99
37) 2-Methylnaphthalene	12.516	142	5388979	74.536	ng		99
38) 1-Methylnaphthalene	12.734	142	5225687	73.871	ng		99
40) 1,2,4,5-Tetrachloroben...	12.881	216	2756914	76.752	ng		99
43) 2,4,6-Trichlorophenol	13.110	196	2029993	80.455	ng		99
44) 2,4,5-Trichlorophenol	13.181	196	2232995	79.286	ng		98
46) 1,1'-Biphenyl	13.522	154	6558115	73.460	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.563	162	5311483	75.804	ng		99
48)	2-Nitroaniline	13.757	65	1504043	70.974	ng		98
49)	Acenaphthylene	14.404	152	8594690	77.243	ng		99
50)	Dimethylphthalate	14.146	163	7067638	74.188	ng		99
51)	2,6-Dinitrotoluene	14.257	165	1561230	76.848	ng		94
52)	Acenaphthene	14.746	154	5587029m	82.493	ng		
53)	3-Nitroaniline	14.587	138	1755975	80.310	ng		98
54)	2,4-Dinitrophenol	14.787	184	940734	74.096	ng		95
55)	Dibenzofuran	15.081	168	8091775	75.592	ng		99
56)	4-Nitrophenol	14.881	139	1497365	82.401	ng		98
57)	2,4-Dinitrotoluene	15.040	165	2168913	82.837	ng		97
58)	Fluorene	15.734	166	5855882	69.300	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.298	232	1993479	76.851	ng		99
60)	Diethylphthalate	15.510	149	7072104	74.154	ng		99
61)	4-Chlorophenyl-phenyle...	15.722	204	2991745	71.428	ng		100
62)	4-Nitroaniline	15.757	138	1735274	82.650	ng		99
63)	Azobenzene	16.022	77	6108087	71.449	ng		97
65)	4,6-Dinitro-2-methylph...	15.804	198	1278591	71.378	ng		98
66)	n-Nitrosodiphenylamine	15.940	169	5753153	73.977	ng		99
67)	4-Bromophenyl-phenylether	16.622	248	2160679	72.904	ng		98
68)	Hexachlorobenzene	16.734	284	2495851	70.550	ng		99
69)	Atrazine	16.892	200	1736815	64.047	ng		100
70)	Pentachlorophenol	17.075	266	1721966	78.908	ng		99
71)	Phenanthrene	17.481	178	10526936	72.433	ng		98
72)	Anthracene	17.575	178	10212170	73.238	ng		99
73)	Carbazole	17.834	167	9660309	73.982	ng		99
74)	Di-n-butylphthalate	18.387	149	11593543	71.098	ng		99
75)	Fluoranthene	19.439	202	12320247	72.333	ng		98
77)	Benzidine	19.610	184	3115697	60.105	ng		100
78)	Pyrene	19.786	202	12524742	77.269	ng		98
81)	Benzo(a)anthracene	21.504	228	12232771	77.860	ng		98
82)	3,3'-Dichlorobenzidine	21.433	252	3402378	63.417	ng	#	99
83)	Chrysene	21.569	228	11493497	76.751	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.433	149	5789389	61.659	ng	#	97
85)	Di-n-octyl phthalate	22.410	149	12133946	76.609	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	26.721	276	11566347	71.906	ng		98
88)	Benzo(b)fluoranthene	23.280	252	11856115	81.189	ng		99
89)	Benzo(k)fluoranthene	23.339	252	11732778	82.343	ng		98
90)	Benzo(a)pyrene	23.945	252	9908647	83.092	ng		99
91)	Dibenzo(a,h)anthracene	26.751	278	9495608	70.625	ng		98
92)	Benzo(g,h,i)perylene	27.539	276	9200737	70.082	ng		99

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

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