Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
Data File : BP010586.D
Acq On : 27 May 2022 23:31
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 28 01:25:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 28 01:22:11 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	144233	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	572329	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	353599	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	667449	20.000	ng		0.00
76) Chrysene-d12	21.339	240	564871	20.000	ng		0.00
86) Perylene-d12	23.751	264	550376	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1010498	122.320	ng		0.00
7) Phenol-d6	7.040	99	1447671	129.581	ng		0.00
23) Nitrobenzene-d5	9.034	82	1539295	142.923	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	526839	90.290	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	3190795	125.096	ng		0.00
79) Terphenyl-d14	19.815	244	3880074	123.290	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	200586	61.302	ng		98
3) Pyridine	3.752	79	600968m	68.194	ng		
4) n-Nitrosodimethylamine	3.663	42	349701	107.747	ng		92
6) Aniline	7.198	93	854556	67.114	ng		99
8) 2-Chlorophenol	7.434	128	562548	59.718	ng		98
9) Benzaldehyde	7.010	77	381846m	64.485	ng		
10) Phenol	7.069	94	740214	66.042	ng		98
11) bis(2-Chloroethyl)ether	7.293	93	581558	65.562	ng		99
12) 1,3-Dichlorobenzene	7.757	146	633680	59.601	ng		96
13) 1,4-Dichlorobenzene	7.904	146	646105	59.436	ng		99
14) 1,2-Dichlorobenzene	8.222	146	616357	58.662	ng		98
15) Benzyl Alcohol	8.116	79	596515	66.969	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	1043940	108.570	ng		99
17) 2-Methylphenol	8.316	107	503895	65.240	ng		98
18) Hexachloroethane	8.951	117	246882	64.804	ng		97
19) n-Nitroso-di-n-propyla...	8.687	70	519699	73.546	ng		99
20) 3+4-Methylphenols	8.645	107	703725	66.263	ng		98
22) Acetophenone	8.693	105	952518	67.242	ng	#	97
24) Nitrobenzene	9.075	77	779884	76.654	ng		98
25) Isophorone	9.604	82	1317039	71.691	ng		99
26) 2-Nitrophenol	9.787	139	329727	62.176	ng		97
27) 2,4-Dimethylphenol	9.845	122	464191	62.031	ng		98
28) bis(2-Chloroethoxy)met...	10.081	93	712387	59.556	ng		99
29) 2,4-Dichlorophenol	10.322	162	565920	62.000	ng		95
30) 1,2,4-Trichlorobenzene	10.534	180	628679	59.448	ng		98
31) Naphthalene	10.722	128	1885307	63.951	ng		99
32) Benzoic acid	10.028	122	393940	67.334	ng		99
33) 4-Chloroaniline	10.834	127	766633	63.727	ng		99
34) Hexachlorobutadiene	11.010	225	414097	57.790	ng		98
35) Caprolactam	11.634	113	168781	54.789	ng		92
36) 4-Chloro-3-methylphenol	11.957	107	641097	65.362	ng		100
37) 2-Methylnaphthalene	12.328	142	1341645	64.862	ng		100
38) 1-Methylnaphthalene	12.551	142	1307713	64.898	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	703523	59.966	ng		99
41) Hexachlorocyclopentadiene	12.681	237	402217	97.307	ng		98
43) 2,4,6-Trichlorophenol	12.939	196	471596	60.646	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	517673	61.303	ng	98
46) 1,1'-Biphenyl	13.339	154	1685388	63.892	ng	100
47) 2-Chloronaphthalene	13.380	162	1332143	64.144	ng	99
48) 2-Nitroaniline	13.586	65	481966	85.207	ng	99
49) Acenaphthylene	14.227	152	2054531	64.083	ng	100
50) Dimethylphthalate	13.969	163	1602247	59.801	ng	99
51) 2,6-Dinitrotoluene	14.086	165	349771	62.306	ng	97
52) Acenaphthene	14.569	154	1244142	64.963	ng	98
53) 3-Nitroaniline	14.416	138	359718	60.666	ng	100
54) 2,4-Dinitrophenol	14.622	184	198182	64.271	ng	97
55) Dibenzofuran	14.904	168	1945164	60.457	ng	99
56) 4-Nitrophenol	14.722	139	275846	62.410	ng	96
57) 2,4-Dinitrotoluene	14.875	165	465915	60.360	ng	95
58) Fluorene	15.557	166	1590191	62.843	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	431303	56.339	ng	100
60) Diethylphthalate	15.327	149	1582369	59.009	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	793535	56.929	ng	96
62) 4-Nitroaniline	15.580	138	354207	56.881	ng	98
63) Azobenzene	15.845	77	1683516	72.170	ng	98
65) 4,6-Dinitro-2-methylph...	15.639	198	275022	64.080	ng	98
66) n-Nitrosodiphenylamine	15.763	169	1313961	66.524	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	473982	58.034	ng	99
68) Hexachlorobenzene	16.569	284	510626	54.323	ng	96
69) Atrazine	16.721	200	418096	60.206	ng	98
70) Pentachlorophenol	16.910	266	316184	62.926	ng	98
71) Phenanthrene	17.304	178	2305733	64.534	ng	100
72) Anthracene	17.392	178	2255832	63.949	ng	99
73) Carbazole	17.663	167	1939781	56.227	ng	100
74) Di-n-butylphthalate	18.216	149	2503420	61.924	ng	99
75) Fluoranthene	19.268	202	2525413	58.384	ng	99
77) Benzidine	19.445	184	722816	52.205	ng	99
78) Pyrene	19.615	202	2557680	68.713	ng	100
80) Butylbenzylphthalate	20.492	149	1062858	67.180	ng	95
81) Benzo(a)anthracene	21.327	228	2400332	64.679	ng	99
82) 3,3'-Dichlorobenzidine	21.257	252	685085	47.785	ng	100
83) Chrysene	21.380	228	2305135	65.596	ng	100
84) Bis(2-ethylhexyl)phtha...	21.251	149	1506725	68.325	ng	99
85) Di-n-octyl phthalate	22.174	149	2517500	66.231	ng	100
87) Indeno(1,2,3-cd)pyrene	26.280	276	2629314	62.969	ng	100
88) Benzo(b)fluoranthene	23.021	252	2263830	68.902	ng	99
89) Benzo(k)fluoranthene	23.068	252	2259748	70.245	ng	100
90) Benzo(a)pyrene	23.645	252	1882955	66.983	ng	99
91) Dibenzo(a,h)anthracene	26.292	278	2199579	63.206	ng	99
92) Benzo(g,h,i)perylene	27.050	276	2179289	63.657	ng	100

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

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