Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071522\
Data File : BP010978.D
Acq On : 15 Jul 2022 10:31
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 13:13:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 13:10:28 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	637229	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	2479202	20.000	ng		0.00
39) Acenaphthene-d10	14.351	164	1314391	20.000	ng		0.00
64) Phenanthrene-d10	17.116	188	2462147	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	2281804	20.000	ng	#	0.00
86) Perylene-d12	23.598	264	2470381	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	1597579	43.269	ng		0.00
7) Phenol-d6	6.863	99	2064799	40.892	ng		0.00
23) Nitrobenzene-d5	8.846	82	1810227	34.385	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	514152	28.725	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	3519520	38.520	ng		0.00
79) Terphenyl-d14	19.704	244	4441532	36.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	364493	24.560	ng	#	84
3) Pyridine	3.611	79	923885	22.017	ng	#	81
4) n-Nitrosodimethylamine	3.522	42	414069	17.684	ng	#	58
6) Aniline	7.022	93	1191986	20.192	ng		91
8) 2-Chlorophenol	7.252	128	863021	21.527	ng		92
9) Benzaldehyde	6.834	77	617425	20.236	ng		92
10) Phenol	6.893	94	1055095	20.253	ng		84
11) bis(2-Chloroethyl)ether	7.122	93	852160	21.287	ng		92
12) 1,3-Dichlorobenzene	7.575	146	945946m	20.613	ng		
13) 1,4-Dichlorobenzene	7.722	146	962291	20.491	ng		98
14) 1,2-Dichlorobenzene	8.034	146	901812	19.949	ng		98
15) Benzyl Alcohol	7.934	79	691560	17.265	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.228	45	1175454	17.468	ng		95
17) 2-Methylphenol	8.134	107	693140	19.705	ng	#	93
18) Hexachloroethane	8.758	117	348020	19.098	ng		92
19) n-Nitroso-di-n-propyla...	8.499	70	601124	16.881	ng		88
20) 3+4-Methylphenols	8.463	107	951650	19.709	ng		93
22) Acetophenone	8.510	105	1208632	18.292	ng	#	89
24) Nitrobenzene	8.893	77	918270	17.276	ng	#	89
25) Isophorone	9.422	82	1527434	16.954	ng		95
26) 2-Nitrophenol	9.599	139	411626	18.844	ng	#	84
27) 2,4-Dimethylphenol	9.663	122	632732	19.759	ng		90
28) bis(2-Chloroethoxy)met...	9.905	93	942126	19.416	ng		99
29) 2,4-Dichlorophenol	10.128	162	689562	18.283	ng		100
30) 1,2,4-Trichlorobenzene	10.346	180	757944	17.387	ng		98
31) Naphthalene	10.528	128	2615947	19.773	ng		100
32) Benzoic acid	9.787	122	470021	19.994	ng		90
33) 4-Chloroaniline	10.652	127	1011691	19.469	ng	#	92
34) Hexachlorobutadiene	10.816	225	429155	14.509	ng		97
35) Caprolactam	11.446	113	216921	16.885	ng	#	75
36) 4-Chloro-3-methylphenol	11.787	107	747549	16.603	ng		93
37) 2-Methylnaphthalene	12.151	142	1693198	18.355	ng		97
38) 1-Methylnaphthalene	12.375	142	1638435	18.051	ng		97
40) 1,2,4,5-Tetrachloroben...	12.522	216	719605	17.796	ng		97
41) Hexachlorocyclopentadiene	12.498	237	399625	23.893	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	495142	18.873	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.840	196	538386	18.450	ng		97
46)	1,1'-Biphenyl	13.175	154	2010918	20.745	ng		99
47)	2-Chloronaphthalene	13.216	162	1526699	20.128	ng		99
48)	2-Nitroaniline	13.428	65	478066	17.007	ng		90
49)	Acenaphthylene	14.069	152	2461342	20.469	ng		100
50)	Dimethylphthalate	13.816	163	1846142	18.476	ng		100
51)	2,6-Dinitrotoluene	13.934	165	388944	18.262	ng		90
52)	Acenaphthene	14.416	154	1457588	19.990	ng		96
53)	3-Nitroaniline	14.263	138	445357	20.433	ng		96
54)	2,4-Dinitrophenol	14.469	184	190499	15.972	ng		88
55)	Dibenzofuran	14.751	168	2241291	19.120	ng		99
56)	4-Nitrophenol	14.575	139	368115	22.567	ng	#	78
57)	2,4-Dinitrotoluene	14.722	165	504311	17.014	ng		91
58)	Fluorene	15.404	166	1805308	18.482	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.981	232	437989	16.483	ng		92
60)	Diethylphthalate	15.192	149	1878141	18.358	ng		99
61)	4-Chlorophenyl-phenyle...	15.404	204	799810	16.131	ng		98
62)	4-Nitroaniline	15.434	138	450400	20.138	ng	#	81
63)	Azobenzene	15.698	77	1865520	18.180	ng		93
65)	4,6-Dinitro-2-methylph...	15.487	198	254479	16.471	ng		92
66)	n-Nitrosodiphenylamine	15.622	169	1507583	20.967	ng		98
67)	4-Bromophenyl-phenylether	16.304	248	474939	17.720	ng		94
68)	Hexachlorobenzene	16.410	284	532511	17.181	ng		95
69)	Atrazine	16.592	200	456759	17.862	ng		95
70)	Pentachlorophenol	16.763	266	337124	19.960	ng		100
71)	Phenanthrene	17.157	178	2731749	20.179	ng		99
72)	Anthracene	17.251	178	2630692	20.097	ng		99
73)	Carbazole	17.528	167	2488482	21.300	ng		99
74)	Di-n-butylphthalate	18.098	149	3378945	22.051	ng		98
75)	Fluoranthene	19.145	202	3026097	18.888	ng		95
77)	Benzidine	19.339	184	431383	9.674	ng		98
78)	Pyrene	19.498	202	3112940	20.221	ng		99
80)	Butylbenzylphthalate	20.398	149	1478543	22.405	ng		94
81)	Benzo(a)anthracene	21.222	228	3014386	19.870	ng		97
82)	3,3'-Dichlorobenzidine	21.163	252	874928	19.761	ng	#	98
83)	Chrysene	21.275	228	2860549	19.747	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.163	149	2188085	23.347	ng	#	97
85)	Di-n-octyl phthalate	22.080	149	3680948	23.373	ng		95
87)	Indeno(1,2,3-cd)pyrene	26.039	276	3718066	20.684	ng	#	90
88)	Benzo(b)fluoranthene	22.874	252	3073958	19.941	ng	#	96
89)	Benzo(k)fluoranthene	22.927	252	2946520	18.754	ng	#	96
90)	Benzo(a)pyrene	23.486	252	2542057	19.698	ng	#	95
91)	Dibenzo(a,h)anthracene	26.062	278	3093921	20.578	ng	#	93
92)	Benzo(g,h,i)perylene	26.792	276	3056705	20.511	ng	#	90

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

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