Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071522\
Data File : BP010982.D
Acq On : 15 Jul 2022 12:47
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 15 13:29:09 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 :
SSTDICC080

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	642799	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	2462970	20.000	ng		0.00
39) Acenaphthene-d10	14.351	164	1375326	20.000	ng		0.00
64) Phenanthrene-d10	17.116	188	2755004	20.000	ng	#	0.00
76) Chrysene-d12	21.245	240	2451032	20.000	ng	#	0.00
86) Perylene-d12	23.598	264	2732667	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	5848524	157.030	ng		0.00
7) Phenol-d6	6.881	99	7691131	150.997	ng		0.02
23) Nitrobenzene-d5	8.857	82	6883988	131.623	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	2272226	121.323	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	12648480	132.300	ng		0.00
79) Terphenyl-d14	19.710	244	14325624	109.290	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	1360315	90.867	ng	#	83
3) Pyridine	3.611	79	3650958m	86.252	ng		
4) n-Nitrosodimethylamine	3.522	42	1569045	66.429	ng	#	57
6) Aniline	7.028	93	4565596	76.671	ng		92
8) 2-Chlorophenol	7.257	128	3136233	77.553	ng		93
10) Phenol	6.904	94	3956904	75.297	ng		85
11) bis(2-Chloroethyl)ether	7.128	93	3122425	77.324	ng		92
12) 1,3-Dichlorobenzene	7.575	146	3375364m	72.915	ng		
13) 1,4-Dichlorobenzene	7.722	146	3443789	72.698	ng		99
14) 1,2-Dichlorobenzene	8.040	146	3215381	70.510	ng		98
15) Benzyl Alcohol	7.940	79	2731330	67.599	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.228	45	4194546	61.793	ng		93
17) 2-Methylphenol	8.140	107	2629638	74.108	ng		93
18) Hexachloroethane	8.757	117	1297926	70.607	ng		92
19) n-Nitroso-di-n-propyla...	8.516	70	2271075	63.223	ng	#	85
20) 3+4-Methylphenols	8.481	107	3665238	75.252	ng		94
22) Acetophenone	8.522	105	4493179	68.451	ng	#	87
24) Nitrobenzene	8.898	77	3488092	66.057	ng	#	89
25) Isophorone	9.434	82	6199629	69.266	ng		95
26) 2-Nitrophenol	9.604	139	1707828	78.697	ng	#	82
27) 2,4-Dimethylphenol	9.675	122	2478339	77.902	ng		91
28) bis(2-Chloroethoxy)met...	9.910	93	3577920	74.222	ng		98
29) 2,4-Dichlorophenol	10.140	162	2728364	72.816	ng		97
30) 1,2,4-Trichlorobenzene	10.345	180	2858585	66.006	ng		96
31) Naphthalene	10.534	128	9703034	73.827	ng		98
32) Benzoic acid	9.881	122	2316667	99.195	ng		88
33) 4-Chloroaniline	10.657	127	4055052	78.549	ng	#	93
34) Hexachlorobutadiene	10.816	225	1612993	54.893	ng		98
35) Caprolactam	11.504	113	1013282m	79.393	ng		
36) 4-Chloro-3-methylphenol	11.798	107	3115010	69.641	ng		95
37) 2-Methylnaphthalene	12.157	142	6535010	71.311	ng		98
38) 1-Methylnaphthalene	12.375	142	6253811	69.355	ng		98
40) 1,2,4,5-Tetrachloroben...	12.528	216	2791264	65.972	ng		97
41) Hexachlorocyclopentadiene	12.504	237	1610414	92.017	ng		100
43) 2,4,6-Trichlorophenol	12.775	196	2027038	73.842	ng		99
44) 2,4,5-Trichlorophenol	12.851	196	2235027	73.199	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.181	154	7655238	75.473	ng		98
47)	2-Chloronaphthalene	13.222	162	5927425	74.685	ng		98
48)	2-Nitroaniline	13.439	65	2116078	71.943	ng	#	83
49)	Acenaphthylene	14.075	152	9646374	76.666	ng		98
50)	Dimethylphthalate	13.828	163	7509850	71.828	ng		99
51)	2,6-Dinitrotoluene	13.945	165	1694942	76.058	ng	#	87
52)	Acenaphthene	14.416	154	5769241	75.616	ng		97
53)	3-Nitroaniline	14.275	138	2052721	90.004	ng		91
54)	2,4-Dinitrophenol	14.475	184	1016290	81.435	ng		92
55)	Dibenzofuran	14.757	168	8676148	70.734	ng		98
56)	4-Nitrophenol	14.592	139	1730155	101.367	ng	#	77
57)	2,4-Dinitrotoluene	14.733	165	2330073	75.128	ng		91
58)	Fluorene	15.410	166	7040029	68.881	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.986	232	1832512	65.907	ng		92
60)	Diethylphthalate	15.198	149	7835656	73.198	ng		98
61)	4-Chlorophenyl-phenyle...	15.410	204	3110443	59.955	ng		97
62)	4-Nitroaniline	15.457	138	2133470	91.162	ng	#	81
63)	Azobenzene	15.704	77	7699853	71.712	ng		93
65)	4,6-Dinitro-2-methylph...	15.498	198	1312086	75.897	ng		91
66)	n-Nitrosodiphenylamine	15.633	169	6163633	76.608	ng		97
67)	4-Bromophenyl-phenylether	16.310	248	2033218	67.797	ng		96
68)	Hexachlorobenzene	16.416	284	2283008	65.830	ng		98
69)	Atrazine	16.598	200	1794379	62.710	ng		96
70)	Pentachlorophenol	16.763	266	1524223	80.651	ng		99
71)	Phenanthrene	17.163	178	10971136	72.426	ng		97
72)	Anthracene	17.257	178	10779651	73.596	ng		98
73)	Carbazole	17.533	167	10388759	79.468	ng		97
74)	Di-n-butylphthalate	18.098	149	11938386	69.628	ng	#	95
75)	Fluoranthene	19.151	202	12152068	67.787	ng		89
78)	Pyrene	19.504	202	12282225	74.275	ng	#	92
80)	Butylbenzylphthalate	20.398	149	6477771	91.385	ng		96
81)	Benzo(a)anthracene	21.227	228	12049351	73.943	ng		93
82)	3,3'-Dichlorobenzidine	21.168	252	3606826	75.838	ng	#	99
83)	Chrysene	21.286	228	11235413	72.205	ng		94
84)	Bis(2-ethylhexyl)phtha...	21.168	149	8798148	87.396	ng		98
85)	Di-n-octyl phthalate	22.080	149	13700376	80.986	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.062	276	15504685	77.976	ng	#	90
88)	Benzo(b)fluoranthene	22.886	252	12556963	73.639	ng	#	95
89)	Benzo(k)fluoranthene	22.939	252	12394729	71.318	ng	#	94
90)	Benzo(a)pyrene	23.504	252	10840591	75.940	ng	#	94
91)	Dibenzo(a,h)anthracene	26.092	278	12607479	75.806	ng	#	94
92)	Benzo(g,h,i)perylene	26.821	276	12885226	78.164	ng	#	90

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

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