Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080323\
Data File : BP016495.D
Acq On : 03 Aug 2023 16:49
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 03 18:37:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 18:07:40 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	510409	20.000	ng		0.00
21) Naphthalene-d8	10.904	136	1838088	20.000	ng		0.00
39) Acenaphthene-d10	14.716	164	975306	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	1923893	20.000	ng		0.00
76) Chrysene-d12	21.580	240	1628624	20.000	ng	#	0.00
86) Perylene-d12	24.174	264	1842226	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	2561177	81.863	ng		0.00
7) Phenol-d6	7.211	99	3190730	74.405	ng		0.00
23) Nitrobenzene-d5	9.269	82	2665948	81.191	ng		0.00
42) 2,4,6-Tribromophenol	16.216	330	924009	64.399	ng		0.00
45) 2-Fluorobiphenyl	13.345	172	5284389	77.679	ng		0.00
79) Terphenyl-d14	20.033	244	6408489	83.122	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	526073	43.113	ng		99
3) Pyridine	3.864	79	1459746	40.022	ng		98
4) n-Nitrosodimethylamine	3.787	42	516211	37.537	ng		97
6) Aniline	7.405	93	1944485	36.710	ng		100
8) 2-Chlorophenol	7.622	128	1243668	37.912	ng		96
9) Benzaldehyde	7.222	77	761547	37.133	ng		97
10) Phenol	7.240	94	1560770	37.478	ng		98
11) bis(2-Chloroethyl)ether	7.505	93	1261416	37.262	ng		100
12) 1,3-Dichlorobenzene	7.952	146	1357684	38.554	ng		98
13) 1,4-Dichlorobenzene	8.110	146	1375255	38.499	ng		100
14) 1,2-Dichlorobenzene	8.422	146	1289171	37.482	ng		98
15) Benzyl Alcohol	8.322	79	1029006	35.123	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.605	45	1415465	36.869	ng		99
17) 2-Methylphenol	8.505	107	1077551	35.903	ng		99
18) Hexachloroethane	9.146	117	496285	38.949	ng		95
19) n-Nitroso-di-n-propyla...	8.893	70	863266	32.133	ng		99
20) 3+4-Methylphenols	8.840	107	1428982	35.057	ng		99
22) Acetophenone	8.916	105	1754669	37.809	ng	#	100
24) Nitrobenzene	9.310	77	1355101	40.180	ng		98
25) Isophorone	9.828	82	2357662	35.564	ng		99
26) 2-Nitrophenol	10.016	139	590741	41.120	ng		97
27) 2,4-Dimethylphenol	10.052	122	1098154	37.027	ng		98
28) bis(2-Chloroethoxy)met...	10.316	93	1528466	37.641	ng		100
29) 2,4-Dichlorophenol	10.534	162	1051365	37.879	ng		98
30) 1,2,4-Trichlorobenzene	10.752	180	1149368	38.232	ng		99
31) Naphthalene	10.957	128	3641857	37.879	ng		100
32) Benzoic acid	10.175	122	679726	36.644	ng		99
33) 4-Chloroaniline	11.081	127	1538752	35.480	ng		99
34) Hexachlorobutadiene	11.193	225	661667	37.175	ng		99
35) Caprolactam	11.899	113	318291	31.383	ng		99
36) 4-Chloro-3-methylphenol	12.169	107	1081662	35.059	ng		98
37) 2-Methylnaphthalene	12.551	142	2491662	35.673	ng		99
38) 1-Methylnaphthalene	12.769	142	2302039	35.155	ng		100
40) 1,2,4,5-Tetrachloroben...	12.898	216	1168484	39.424	ng		99
41) Hexachlorocyclopentadiene	12.857	237	608603	40.885	ng		99
43) 2,4,6-Trichlorophenol	13.146	196	764144	40.182	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	901355	39.066	ng	98
46) 1,1'-Biphenyl	13.557	154	2922987	39.316	ng	99
47) 2-Chloronaphthalene	13.604	162	2222214	39.619	ng	99
48) 2-Nitroaniline	13.828	65	655650	41.469	ng	98
49) Acenaphthylene	14.451	152	3588566	38.560	ng	99
50) Dimethylphthalate	14.181	163	2735327	35.990	ng	99
51) 2,6-Dinitrotoluene	14.316	165	597161	38.353	ng	94
52) Acenaphthene	14.787	154	2109931	38.126	ng	100
53) 3-Nitroaniline	14.651	138	659752	37.480	ng	95
54) 2,4-Dinitrophenol	14.845	184	247095	38.532	ng	95
55) Dibenzofuran	15.122	168	3345509	36.860	ng	100
56) 4-Nitrophenol	14.928	139	521535	37.849	ng	97
57) 2,4-Dinitrotoluene	15.092	165	776159	38.250	ng	94
58) Fluorene	15.769	166	2575289	36.116	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.328	232	688794	36.291	ng	94
60) Diethylphthalate	15.534	149	2637077	34.914	ng	98
61) 4-Chlorophenyl-phenyle...	15.763	204	1283539	35.671	ng	98
62) 4-Nitroaniline	15.816	138	629488	36.034	ng	97
63) Azobenzene	16.057	77	2666499	37.389	ng	97
65) 4,6-Dinitro-2-methylph...	15.845	198	372421	42.215	ng	97
66) n-Nitrosodiphenylamine	15.981	169	2258708	39.837	ng	99
67) 4-Bromophenyl-phenylether	16.663	248	774692	38.028	ng	94
68) Hexachlorobenzene	16.745	284	830696	36.566	ng	95
69) Atrazine	16.934	200	634331	37.619	ng	98
70) Pentachlorophenol	17.104	266	592564	37.692	ng	95
71) Phenanthrene	17.528	178	3910542	38.280	ng	99
72) Anthracene	17.622	178	3969905	38.647	ng	99
73) Carbazole	17.898	167	3646619	37.864	ng	99
74) Di-n-butylphthalate	18.416	149	4352857	39.067	ng	100
75) Fluoranthene	19.486	202	4395274	36.707	ng	98
77) Benzidine	19.680	184	1299787	46.032	ng	99
78) Pyrene	19.845	202	4555594	41.727	ng	99
80) Butylbenzylphthalate	20.704	149	1895590	44.196	ng	97
81) Benzo(a)anthracene	21.563	228	4255302	38.942	ng	100
82) 3,3'-Dichlorobenzidine	21.504	252	1445068	40.285	ng	99
83) Chrysene	21.622	228	4062714	38.935	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	2740249	42.555	ng	99
85) Di-n-octyl phthalate	22.439	149	4548516	41.999	ng	99
87) Indeno(1,2,3-cd)pyrene	26.939	276	5122527	41.244	ng	96
88) Benzo(b)fluoranthene	23.369	252	4086878	38.271	ng	98
89) Benzo(k)fluoranthene	23.421	252	4254871m	39.178	ng	
90) Benzo(a)pyrene	24.057	252	4091219	39.553	ng	98
91) Dibenzo(a,h)anthracene	26.974	278	4246584	41.000	ng	98
92) Benzo(g,h,i)perylene	27.804	276	4199016	42.069	ng	97

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

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