Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
Data File : BP007862.D
Acq On : 08 Nov 2021 15:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021

Quant Time: Nov 08 16:37:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 08 16:36:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	173075	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	671490	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	472603	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1078176	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1315590	20.000	ng	0.00
86) Perylene-d12	23.768	264	1604018	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	814833	79.844	ng	0.00
7) Phenol-d6	7.046	99	1180154	79.896	ng	0.00
23) Nitrobenzene-d5	9.034	82	1020962	81.674	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	569810	84.482	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	2546242	78.460	ng	0.00
79) Terphenyl-d14	19.822	244	4851788	75.097	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	145410	41.126	ng	96
3) Pyridine	3.752	79	483931	42.739	ng	95
4) n-Nitrosodimethylamine	3.664	42	186596	38.533	ng	88
6) Aniline	7.199	93	669149	40.219	ng	98
8) 2-Chlorophenol	7.440	128	448641	39.892	ng	97
9) Benzaldehyde	7.010	77	296675	36.937	ng	98
10) Phenol	7.075	94	567181	40.210	ng	98
11) bis(2-Chloroethyl)ether	7.293	93	436901	38.804	ng	98
12) 1,3-Dichlorobenzene	7.757	146	490133	39.186	ng	100
13) 1,4-Dichlorobenzene	7.904	146	500008	39.124	ng	100
14) 1,2-Dichlorobenzene	8.222	146	460592	37.294	ng	99
15) Benzyl Alcohol	8.110	79	442439	39.563	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	485594	36.793	ng	95
17) 2-Methylphenol	8.322	107	370411	37.975	ng	99
18) Hexachloroethane	8.951	117	168589	38.148	ng	95
19) n-Nitroso-di-n-propyla...	8.681	70	335582	37.122	ng	95
20) 3+4-Methylphenols	8.652	107	518349	37.778	ng	99
22) Acetophenone	8.693	105	684845	40.477	ng	98
24) Nitrobenzene	9.075	77	482709	40.579	ng	97
25) Isophorone	9.604	82	920937	40.538	ng	99
26) 2-Nitrophenol	9.781	139	248705	41.284	ng	96
27) 2,4-Dimethylphenol	9.851	122	373004	40.290	ng	97
28) bis(2-Chloroethoxy)met...	10.081	93	579942	38.686	ng	98
29) 2,4-Dichlorophenol	10.322	162	443835	39.874	ng	99
30) 1,2,4-Trichlorobenzene	10.534	180	483240	39.035	ng	99
31) Naphthalene	10.722	128	1352931	39.830	ng	99
32) Benzoic acid	10.004	122	338431	42.407	ng	99
33) 4-Chloroaniline	10.828	127	600010	40.101	ng	99
34) Hexachlorobutadiene	11.010	225	319676	39.331	ng	99
35) Caprolactam	11.628	113	163499	42.081	ng	92
36) 4-Chloro-3-methylphenol	11.963	107	502644	39.975	ng	99
37) 2-Methylnaphthalene	12.334	142	987840	39.426	ng	98
38) 1-Methylnaphthalene	12.551	142	966039	39.351	ng	98
40) 1,2,4,5-Tetrachloroben...	12.704	216	574973	38.809	ng	99
41) Hexachlorocyclopentadiene	12.687	237	260199	32.792	ng	98
43) 2,4,6-Trichlorophenol	12.945	196	412591	39.871	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	448957	40.051	ng		98
46) 1,1'-Biphenyl	13.339	154	1349727	39.555	ng		98
47) 2-Chloronaphthalene	13.381	162	1059001	39.937	ng		100
48) 2-Nitroaniline	13.587	65	325322	42.637	ng		95
49) Acenaphthylene	14.228	152	1679730	40.335	ng		99
50) Dimethylphthalate	13.969	163	1436356	39.377	ng		100
51) 2,6-Dinitrotoluene	14.081	165	304971	40.427	ng		98
52) Acenaphthene	14.569	154	1004739	39.948	ng		99
53) 3-Nitroaniline	14.410	138	334668	41.584	ng	#	97
54) 2,4-Dinitrophenol	14.622	184	186077	40.126	ng		92
55) Dibenzofuran	14.904	168	1696144	39.866	ng		99
56) 4-Nitrophenol	14.728	139	289810	42.397	ng		97
57) 2,4-Dinitrotoluene	14.875	165	434538	41.843	ng		90
58) Fluorene	15.557	166	1329573	41.200	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	409229m	40.555	ng		
60) Diethylphthalate	15.334	149	1456852	41.138	ng		100
61) 4-Chlorophenyl-phenyle...	15.551	204	709185	40.234	ng		99
62) 4-Nitroaniline	15.575	138	360082	44.053	ng		94
63) Azobenzene	15.845	77	1261174	42.194	ng		98
65) 4,6-Dinitro-2-methylph...	15.639	198	285262	40.407	ng		93
66) n-Nitrosodiphenylamine	15.769	169	1214330	39.562	ng		99
67) 4-Bromophenyl-phenylether	16.451	248	469892	39.368	ng		96
68) Hexachlorobenzene	16.569	284	522146	39.204	ng		95
69) Atrazine	16.728	200	473519	40.287	ng		99
70) Pentachlorophenol	16.916	266	339826	39.670	ng		96
71) Phenanthrene	17.304	178	2247376	39.651	ng		99
72) Anthracene	17.398	178	2253271	40.396	ng		100
73) Carbazole	17.669	167	2246553	40.518	ng		100
74) Di-n-butylphthalate	18.222	149	2658628	42.103	ng		100
75) Fluoranthene	19.274	202	2925554	40.917	ng		98
77) Benzidine	19.451	184	1400668	42.244	ng		99
78) Pyrene	19.627	202	3027318	37.518	ng		99
80) Butylbenzylphthalate	20.498	149	1380663	40.713	ng		99
81) Benzo(a)anthracene	21.339	228	3370229	38.885	ng		100
82) 3,3'-Dichlorobenzidine	21.268	252	1192269	40.966	ng		99
83) Chrysene	21.392	228	3210773	39.132	ng		99
84) Bis(2-ethylhexyl)phtha...	21.263	149	1980045	40.711	ng		100
85) Di-n-octyl phthalate	22.198	149	3731581	42.651	ng		96
87) Indeno(1,2,3-cd)pyrene	26.304	276	4818445	40.300	ng		96
88) Benzo(b)fluoranthene	23.033	252	3598548	38.059	ng		99
89) Benzo(k)fluoranthene	23.086	252	3664276	39.047	ng		99
90) Benzo(a)pyrene	23.668	252	3213946	39.256	ng		98
91) Dibenzo(a,h)anthracene	26.321	278	3970369	40.065	ng		98
92) Benzo(g,h,i)perylene	27.080	276	4004777	40.736	ng		97

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

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