Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008094.D
Acq On : 23 Nov 2021 13:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 23 15:44:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :Sohil Jodhani 11/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	197764	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	797818	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	554884	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1203641	20.000	ng	0.00
76) Chrysene-d12	21.321	240	1077412	20.000	ng	0.00
86) Perylene-d12	23.721	264	1028889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	940639	81.298	ng	0.00
7) Phenol-d6	7.005	99	1361467	84.889	ng	0.00
23) Nitrobenzene-d5	8.987	82	1386355	78.830	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	538983	76.754	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	2820234	79.585	ng	0.00
79) Terphenyl-d14	19.792	244	4217587	76.963	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	202730	37.440	ng	100
3) Pyridine	3.722	79	618157	39.875	ng	98
4) n-Nitrosodimethylamine	3.628	42	261684	37.678	ng	99
6) Aniline	7.152	93	823823	40.690	ng	100
8) 2-Chlorophenol	7.393	128	505276	38.901	ng	99
9) Benzaldehyde	6.963	77	416961	43.339	ng	98
10) Phenol	7.028	94	702861	40.912	ng	96
11) bis(2-Chloroethyl)ether	7.252	93	570746	39.009	ng	98
12) 1,3-Dichlorobenzene	7.710	146	563025	37.762	ng	98
13) 1,4-Dichlorobenzene	7.857	146	572884	37.856	ng	99
14) 1,2-Dichlorobenzene	8.175	146	552166	38.024	ng	99
15) Benzyl Alcohol	8.069	79	568809	41.079	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.357	45	854838	37.487	ng	99
17) 2-Methylphenol	8.275	107	471023	41.614	ng	99
18) Hexachloroethane	8.899	117	213187	39.558	ng	98
19) n-Nitroso-di-n-propyla...	8.634	70	471474	39.678	ng	99
20) 3+4-Methylphenols	8.605	107	661641	42.168	ng	99
22) Acetophenone	8.652	105	849387	38.373	ng	97
24) Nitrobenzene	9.028	77	687738	39.895	ng	99
25) Isophorone	9.557	82	1270490	41.039	ng	99
26) 2-Nitrophenol	9.734	139	301499	41.092	ng	97
27) 2,4-Dimethylphenol	9.804	122	444404	40.189	ng	99
28) bis(2-Chloroethoxy)met...	10.034	93	795877	40.157	ng	100
29) 2,4-Dichlorophenol	10.275	162	537743	40.339	ng	100
30) 1,2,4-Trichlorobenzene	10.487	180	593312	39.140	ng	99
31) Naphthalene	10.669	128	1613292	39.803	ng	100
32) Benzoic acid	9.987	122	422792	44.599	ng	97
33) 4-Chloroaniline	10.781	127	712448	41.407	ng	99
34) Hexachlorobutadiene	10.957	225	388644	37.890	ng	99
35) Caprolactam	11.593	113	128287	42.870	ng	93
36) 4-Chloro-3-methylphenol	11.922	107	627145	40.757	ng	96
37) 2-Methylnaphthalene	12.287	142	1154742	38.593	ng	98
38) 1-Methylnaphthalene	12.504	142	1125638	38.414	ng	99
40) 1,2,4,5-Tetrachloroben...	12.657	216	695229	39.053	ng	99
41) Hexachlorocyclopentadiene	12.634	237	319731	39.529	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	491219	40.055	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	536653	40.563	ng	97
46) 1,1'-Biphenyl	13.298	154	1575638	38.239	ng	99
47) 2-Chloronaphthalene	13.340	162	1234084	39.299	ng	100
48) 2-Nitroaniline	13.545	65	461676	41.030	ng	99
49) Acenaphthylene	14.187	152	1954773	40.070	ng	99
50) Dimethylphthalate	13.934	163	1643677	39.119	ng	100
51) 2,6-Dinitrotoluene	14.045	165	358091	40.679	ng	98
52) Acenaphthene	14.534	154	1133448	37.912	ng	100
53) 3-Nitroaniline	14.375	138	379340	41.241	ng	99
54) 2,4-Dinitrophenol	14.587	184	236337	43.026	ng	98
55) Dibenzofuran	14.869	168	1920744	37.314	ng	99
56) 4-Nitrophenol	14.698	139	305978	41.497	ng	95
57) 2,4-Dinitrotoluene	14.839	165	490363	40.288	ng	98
58) Fluorene	15.516	166	1400751	40.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	475580m	39.962	ng	
60) Diethylphthalate	15.298	149	1623433	37.662	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	768299	40.014	ng	99
62) 4-Nitroaniline	15.545	138	387876	40.977	ng	95
63) Azobenzene	15.810	77	1708648	38.013	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	345305	42.478	ng	96
66) n-Nitrosodiphenylamine	15.728	169	1351626	39.577	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	521496	39.489	ng	99
68) Hexachlorobenzene	16.534	284	553060	39.189	ng	97
69) Atrazine	16.692	200	349653	40.050	ng	97
70) Pentachlorophenol	16.875	266	372491	41.050	ng	100
71) Phenanthrene	17.269	178	2455344	37.860	ng	100
72) Anthracene	17.357	178	2440299	38.007	ng	99
73) Carbazole	17.633	167	2373001	36.396	ng	99
74) Di-n-butylphthalate	18.186	149	2758226	38.819	ng	100
75) Fluoranthene	19.239	202	2936653	35.132	ng	99
77) Benzidine	19.416	184	801496	42.719	ng	99
78) Pyrene	19.592	202	3019986	41.277	ng	100
80) Butylbenzylphthalate	20.469	149	1286040	42.069	ng	96
81) Benzo(a)anthracene	21.304	228	2861681	39.605	ng	99
82) 3,3'-Dichlorobenzidine	21.239	252	1199849	40.826	ng	100
83) Chrysene	21.357	228	2711386	39.545	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	1610455	38.943	ng	100
85) Di-n-octyl phthalate	22.157	149	3088662	40.759	ng	100
87) Indeno(1,2,3-cd)pyrene	26.227	276	2441813	34.202	ng	100
88) Benzo(b)fluoranthene	22.992	252	2600301	40.422	ng	99
89) Benzo(k)fluoranthene	23.039	252	2516825	39.322	ng	99
90) Benzo(a)pyrene	23.615	252	2135750	39.614	ng	100
91) Dibenzo(a,h)anthracene	26.245	278	2035182	34.245	ng	100
92) Benzo(g,h,i)perylene	26.992	276	1993086	34.234	ng	100

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

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