Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
Data File : BP008054.D
Acq On : 20 Nov 2021 13:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 05:29:24 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 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	169507	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	625980	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	397662	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	772503	20.000	ng		-0.01
76) Chrysene-d12	21.316	240	711745	20.000	ng		0.00
86) Perylene-d12	23.704	264	751916	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	810200	81.698	ng		0.00
7) Phenol-d6	7.005	99	1107944	80.597	ng		0.00
23) Nitrobenzene-d5	8.987	82	1100904	79.783	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	347525	69.056	ng		-0.01
45) 2-Fluorobiphenyl	13.087	172	2068162	81.436	ng		0.00
79) Terphenyl-d14	19.786	244	2781800	76.842	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	178959	38.559	ng		99
3) Pyridine	3.723	79	526024m	39.589	ng		
4) n-Nitrosodimethylamine	3.628	42	235073	39.488	ng		99
6) Aniline	7.152	93	662374	38.170	ng		100
8) 2-Chlorophenol	7.393	128	414708	37.251	ng		96
9) Benzaldehyde	6.963	77	339261	40.897	ng		99
10) Phenol	7.028	94	574329	39.004	ng		99
11) bis(2-Chloroethyl)ether	7.252	93	466217	37.177	ng		99
12) 1,3-Dichlorobenzene	7.711	146	470431	36.811	ng		99
13) 1,4-Dichlorobenzene	7.858	146	479209	36.945	ng		99
14) 1,2-Dichlorobenzene	8.175	146	456556	36.681	ng		99
15) Benzyl Alcohol	8.069	79	447272	37.687	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.363	45	722693	36.975	ng		99
17) 2-Methylphenol	8.275	107	373582	38.507	ng		99
18) Hexachloroethane	8.905	117	179394	38.837	ng		98
19) n-Nitroso-di-n-propyla...	8.640	70	365261	35.864	ng		99
20) 3+4-Methylphenols	8.605	107	506585	37.668	ng		100
22) Acetophenone	8.652	105	658007	37.888	ng		99
24) Nitrobenzene	9.028	77	541504	40.035	ng		99
25) Isophorone	9.557	82	935339	38.506	ng		100
26) 2-Nitrophenol	9.740	139	225751	39.214	ng		96
27) 2,4-Dimethylphenol	9.805	122	335298	38.646	ng		99
28) bis(2-Chloroethoxy)met...	10.040	93	613888	39.477	ng		99
29) 2,4-Dichlorophenol	10.275	162	404983	38.720	ng		100
30) 1,2,4-Trichlorobenzene	10.487	180	464310	39.039	ng		99
31) Naphthalene	10.669	128	1231879	38.736	ng		100
32) Benzoic acid	9.969	122	282564	37.989	ng		96
33) 4-Chloroaniline	10.787	127	503490	37.295	ng		99
34) Hexachlorobutadiene	10.963	225	311160	38.664	ng		99
35) Caprolactam	11.581	113	79435	33.832	ng	#	86
36) 4-Chloro-3-methylphenol	11.916	107	447118	37.034	ng		99
37) 2-Methylnaphthalene	12.287	142	850114	36.211	ng		100
38) 1-Methylnaphthalene	12.504	142	826617	35.953	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	506745	39.719	ng		100
41) Hexachlorocyclopentadiene	12.640	237	259807	44.820	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	345207	39.278	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	364561	38.450	ng	98
46) 1,1'-Biphenyl	13.298	154	1127942	38.197	ng	99
47) 2-Chloronaphthalene	13.340	162	881634	39.175	ng	99
48) 2-Nitroaniline	13.546	65	314751	39.032	ng	99
49) Acenaphthylene	14.187	152	1347684	38.548	ng	99
50) Dimethylphthalate	13.928	163	1105907	36.727	ng	100
51) 2,6-Dinitrotoluene	14.045	165	234001	37.092	ng	99
52) Acenaphthene	14.528	154	789381	36.842	ng	100
53) 3-Nitroaniline	14.375	138	241788	36.680	ng	98
54) 2,4-Dinitrophenol	14.587	184	142663	36.241	ng	98
55) Dibenzofuran	14.863	168	1337732	36.263	ng	100
56) 4-Nitrophenol	14.693	139	189726	35.904	ng	99
57) 2,4-Dinitrotoluene	14.834	165	311441	35.704	ng	98
58) Fluorene	15.516	166	955844	38.538	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	309368m	36.273	ng	
60) Diethylphthalate	15.292	149	1065033	34.476	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	529579	38.351	ng	98
62) 4-Nitroaniline	15.540	138	231912	34.187	ng	98
63) Azobenzene	15.804	77	1160755	36.034	ng	100
65) 4,6-Dinitro-2-methylph...	15.604	198	203725	39.048	ng	98
66) n-Nitrosodiphenylamine	15.728	169	884151	40.337	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	340551	40.179	ng	98
68) Hexachlorobenzene	16.528	284	355856	39.289	ng	99
69) Atrazine	16.687	200	217118	38.749	ng	98
70) Pentachlorophenol	16.875	266	227151	39.004	ng	100
71) Phenanthrene	17.263	178	1563092	37.554	ng	100
72) Anthracene	17.351	178	1535333	37.258	ng	100
73) Carbazole	17.628	167	1464272	34.992	ng	99
74) Di-n-butylphthalate	18.186	149	1755887	38.504	ng	100
75) Fluoranthene	19.233	202	1848351	34.454	ng	99
77) Benzidine	19.416	184	562681	45.398	ng	99
78) Pyrene	19.586	202	1896821	39.245	ng	99
80) Butylbenzylphthalate	20.463	149	803566	39.791	ng	94
81) Benzo(a)anthracene	21.298	228	1818181	38.091	ng	99
82) 3,3'-Dichlorobenzidine	21.233	252	791541	40.764	ng	100
83) Chrysene	21.351	228	1746625	38.562	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1093456	40.026	ng	99
85) Di-n-octyl phthalate	22.151	149	2047807	40.907	ng	99
87) Indeno(1,2,3-cd)pyrene	26.204	276	2133026	40.882	ng	99
88) Benzo(b)fluoranthene	22.974	252	1728752	36.772	ng	99
89) Benzo(k)fluoranthene	23.027	252	1792423	38.320	ng	99
90) Benzo(a)pyrene	23.604	252	1510899	38.347	ng	98
91) Dibenzo(a,h)anthracene	26.215	278	1774049	40.846	ng	99
92) Benzo(g,h,i)perylene	26.968	276	1773669	41.687	ng	99

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

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