Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020422\
Data File : BP009036.D
Acq On : 04 Feb 2022 13:18
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP020422

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :mohammad ahmed 02/10/2022

Quant Time: Feb 04 16:24:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 04 14:19:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	229162	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	841387	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	507887	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	954506	20.000	ng		0.00
76) Chrysene-d12	21.303	240	956757	20.000	ng		0.00
86) Perylene-d12	23.703	264	1104623	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1034111	79.348	ng		0.00
7) Phenol-d6	6.992	99	1361691	79.734	ng		0.00
23) Nitrobenzene-d5	8.969	82	1213873	80.844	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	529685	76.106	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	2966631	81.543	ng		0.00
79) Terphenyl-d14	19.774	244	3810699	72.448	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	160594	37.283	ng		98
3) Pyridine	3.704	79	443918	34.711	ng		97
4) n-Nitrosodimethylamine	3.616	42	166573	35.066	ng	#	87
6) Aniline	7.140	93	756831	38.965	ng		99
8) 2-Chlorophenol	7.375	128	573204	39.069	ng		98
9) Benzaldehyde	6.951	77	328286m	40.100	ng		
10) Phenol	7.016	94	676562	39.503	ng		96
11) bis(2-Chloroethyl)ether	7.234	93	520339	39.271	ng		97
12) 1,3-Dichlorobenzene	7.692	146	662226	39.409	ng		97
13) 1,4-Dichlorobenzene	7.839	146	675084	39.221	ng		99
14) 1,2-Dichlorobenzene	8.157	146	650258	39.132	ng		100
15) Benzyl Alcohol	8.051	79	450225	41.039	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.334	45	569732	38.749	ng		99
17) 2-Methylphenol	8.263	107	451109	39.276	ng		96
18) Hexachloroethane	8.881	117	223154	39.309	ng		99
19) n-Nitroso-di-n-propyla...	8.622	70	380007	38.543	ng		96
20) 3+4-Methylphenols	8.592	107	619409	39.207	ng		99
22) Acetophenone	8.634	105	800109	39.955	ng	#	96
24) Nitrobenzene	9.010	77	567389	40.013	ng		95
25) Isophorone	9.539	82	971372	38.653	ng		97
26) 2-Nitrophenol	9.722	139	311255	41.489	ng		93
27) 2,4-Dimethylphenol	9.792	122	437876	39.543	ng		99
28) bis(2-Chloroethoxy)met...	10.022	93	663078	39.584	ng		99
29) 2,4-Dichlorophenol	10.269	162	554344	40.127	ng		100
30) 1,2,4-Trichlorobenzene	10.469	180	641221	40.046	ng		99
31) Naphthalene	10.657	128	1697636	39.374	ng		99
32) Benzoic acid	9.981	122	337162	38.351	ng		97
33) 4-Chloroaniline	10.775	127	688502	39.021	ng		99
34) Hexachlorobutadiene	10.939	225	391872	39.823	ng		100
35) Caprolactam	11.575	113	150138	36.224	ng		94
36) 4-Chloro-3-methylphenol	11.916	107	503691	38.232	ng		99
37) 2-Methylnaphthalene	12.269	142	1182024	38.712	ng		98
38) 1-Methylnaphthalene	12.492	142	1148528	38.401	ng		100
40) 1,2,4,5-Tetrachloroben...	12.645	216	682120	42.109	ng		99
41) Hexachlorocyclopentadiene	12.622	237	212848	43.224	ng		99
43) 2,4,6-Trichlorophenol	12.892	196	456806	41.854	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	475815	40.566	ng		98
46) 1,1'-Biphenyl	13.280	154	1541624	41.242	ng		99
47) 2-Chloronaphthalene	13.327	162	1217217	40.775	ng		99
48) 2-Nitroaniline	13.539	65	287822	40.727	ng		97
49) Acenaphthylene	14.169	152	1810524	40.045	ng		100
50) Dimethylphthalate	13.916	163	1398466	38.185	ng		100
51) 2,6-Dinitrotoluene	14.033	165	299531	39.357	ng		93
52) Acenaphthene	14.516	154	1085770	39.778	ng		99
53) 3-Nitroaniline	14.363	138	315154	39.519	ng		92
54) 2,4-Dinitrophenol	14.586	184	159339	35.953	ng		93
55) Dibenzofuran	14.851	168	1806613	39.274	ng		98
56) 4-Nitrophenol	14.698	139	227478	38.590	ng		91
57) 2,4-Dinitrotoluene	14.827	165	393861	39.057	ng	#	86
58) Fluorene	15.504	166	1362326	38.302	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	396501m	38.650	ng		
60) Diethylphthalate	15.280	149	1283877	37.357	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	735135	38.266	ng		98
62) 4-Nitroaniline	15.533	138	318627	39.324	ng		90
63) Azobenzene	15.792	77	1154825	39.052	ng		95
65) 4,6-Dinitro-2-methylph...	15.598	198	244892	41.080	ng		92
66) n-Nitrosodiphenylamine	15.710	169	1189826	40.970	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	450835	40.796	ng		96
68) Hexachlorobenzene	16.515	284	496807	40.092	ng		97
69) Atrazine	16.674	200	387289	39.880	ng		98
70) Pentachlorophenol	16.868	266	274107	41.262	ng		99
71) Phenanthrene	17.251	178	2063579	39.762	ng		99
72) Anthracene	17.345	178	2048489	40.427	ng		99
73) Carbazole	17.615	167	1972213	40.437	ng		99
74) Di-n-butylphthalate	18.168	149	1979760	39.737	ng		99
75) Fluoranthene	19.221	202	2335903	40.437	ng		97
77) Benzidine	19.404	184	897069	43.328	ng		98
78) Pyrene	19.574	202	2443638	36.568	ng		98
80) Butylbenzylphthalate	20.451	149	896033	38.172	ng		99
81) Benzo(a)anthracene	21.286	228	2544695	40.882	ng		98
82) 3,3'-Dichlorobenzidine	21.221	252	948821	41.708	ng		99
83) Chrysene	21.339	228	2407675	40.179	ng		97
84) Bis(2-ethylhexyl)phtha...	21.215	149	1224294	39.120	ng		96
85) Di-n-octyl phthalate	22.133	149	2165548	41.581	ng		100
87) Indeno(1,2,3-cd)pyrene	26.209	276	3466670	41.906	ng		97
88) Benzo(b)fluoranthene	22.968	252	2687752	40.454	ng		100
89) Benzo(k)fluoranthene	23.021	252	2540879m	37.517	ng		
90) Benzo(a)pyrene	23.597	252	2298898	40.288	ng		99
91) Dibenzo(a,h)anthracene	26.221	278	2847426	41.843	ng		98
92) Benzo(g,h,i)perylene	26.980	276	2825162	41.534	ng		98

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

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