Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008256.D
Acq On : 07 Dec 2021 18:25
Operator : CG/JU
Sample : M4920-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 08 01:09:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
FDR-20211202-WC-SMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :Sohil Jodhani 12/10/2021

Supervised By :Sohil Jodhani
12/10/2021

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12/10/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	68894	20.000	ng		-0.02
21) Naphthalene-d8	10.581	136	254272	20.000	ng		-0.02
39) Acenaphthene-d10	14.434	164	159313	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	335929	20.000	ng		-0.01
76) Chrysene-d12	21.304	240	388283	20.000	ng		-0.01
86) Perylene-d12	23.698	264	436296	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	582790	136.202	ng		0.00
7) Phenol-d6	6.975	99	707080	122.413	ng		-0.01
23) Nitrobenzene-d5	8.946	82	533290	95.372	ng		-0.02
42) 2,4,6-Tribromophenol	15.940	330	311094	152.775	ng		-0.01
45) 2-Fluorobiphenyl	13.051	172	1062006	96.828	ng		-0.02
79) Terphenyl-d14	19.769	244	1857879	100.000	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	84869	42.514	ng	#	53
3) Pyridine	3.699	79	156933	29.454	ng		99
4) n-Nitrosodimethylamine	3.599	42	113885	51.246	ng		97
6) Aniline	7.116	93	105552	15.589	ng		98
8) 2-Chlorophenol	7.358	128	228499	52.166	ng		98
9) Benzaldehyde	6.928	77	75445	21.527	ng		97
10) Phenol	7.005	94	286295	48.232	ng		99
11) bis(2-Chloroethyl)ether	7.211	93	237840	50.131	ng		98
12) 1,3-Dichlorobenzene	7.675	146	241991	47.863	ng		98
13) 1,4-Dichlorobenzene	7.822	146	249602	48.693	ng		99
14) 1,2-Dichlorobenzene	8.134	146	234169	45.934	ng		98
15) Benzyl Alcohol	8.034	79	242432	52.973	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	354179	49.475	ng		98
17) 2-Methylphenol	8.246	107	198904	51.507	ng		97
18) Hexachloroethane	8.858	117	92103	48.322	ng		93
19) n-Nitroso-di-n-propyla...	8.599	70	195325	48.870	ng		98
20) 3+4-Methylphenols	8.575	107	262900	49.329	ng		98
22) Acetophenone	8.616	105	356255	51.223	ng	#	98
24) Nitrobenzene	8.987	77	291567	53.768	ng		99
25) Isophorone	9.522	82	504548	51.576	ng		98
26) 2-Nitrophenol	9.699	139	124062	53.026	ng		97
27) 2,4-Dimethylphenol	9.775	122	207240	59.228	ng		97
28) bis(2-Chloroethoxy)met...	9.999	93	299560	48.046	ng		99
29) 2,4-Dichlorophenol	10.252	162	221225	52.937	ng		97
30) 1,2,4-Trichlorobenzene	10.446	180	239592	49.395	ng		97
31) Naphthalene	10.634	128	649442	49.859	ng		100
32) Benzoic acid	9.969	122	143186	50.026	ng		97
33) 4-Chloroaniline	10.763	127	46326	8.573	ng		98
34) Hexachlorobutadiene	10.916	225	166854	50.266	ng		97
35) Caprolactam	11.569	113	61748	66.518	ng		99
36) 4-Chloro-3-methylphenol	11.899	107	253243	53.010	ng		96
37) 2-Methylnaphthalene	12.251	142	476240	51.694	ng		99
38) 1-Methylnaphthalene	12.469	142	437227	48.758	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	278441	53.804	ng		99
41) Hexachlorocyclopentadiene	12.599	237	227482	114.335	ng		99
43) 2,4,6-Trichlorophenol	12.875	196	184894	52.734	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	204069	54.316	ng	98
46) 1,1'-Biphenyl	13.263	154	601008	51.996	ng	99
47) 2-Chloronaphthalene	13.304	162	482151	52.820	ng	98
48) 2-Nitroaniline	13.522	65	176843	56.219	ng	97
49) Acenaphthylene	14.157	152	754028	53.544	ng	99
50) Dimethylphthalate	13.898	163	632445	52.866	ng	99
51) 2,6-Dinitrotoluene	14.022	165	138614	55.829	ng	99
52) Acenaphthene	14.498	154	445285	53.058	ng	99
53) 3-Nitroaniline	14.351	138	81209	32.275	ng	95
54) 2,4-Dinitrophenol	14.575	184	178636	121.688	ng	96
55) Dibenzofuran	14.840	168	717382	50.022	ng	99
56) 4-Nitrophenol	14.693	139	200679	104.054	ng	89
57) 2,4-Dinitrotoluene	14.816	165	192677	56.548	ng	93
58) Fluorene	15.487	166	572386	49.124	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.075	232	172548m	51.647	ng	
60) Diethylphthalate	15.269	149	619568	52.188	ng	99
61) 4-Chlorophenyl-phenyle...	15.481	204	307997	48.191	ng	98
62) 4-Nitroaniline	15.522	138	123478	47.293	ng	93
63) Azobenzene	15.781	77	623631	51.356	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	114356	52.046	ng	99
66) n-Nitrosodiphenylamine	15.704	169	467814	48.076	ng	100
67) 4-Bromophenyl-phenylether	16.381	248	196382	52.572	ng	96
68) Hexachlorobenzene	16.504	284	220730	55.279	ng	97
69) Atrazine	16.669	200	168446	66.699	ng	99
70) Pentachlorophenol	16.857	266	261768	110.247	ng	97
71) Phenanthrene	17.239	178	937767	52.872	ng	99
72) Anthracene	17.334	178	966490	54.909	ng	100
73) Carbazole	17.610	167	814673	47.413	ng	99
74) Di-n-butylphthalate	18.163	149	1087941	50.580	ng	100
75) Fluoranthene	19.222	202	1195262	50.025	ng	98
77) Benzidine	19.410	184	51694	9.706	ng	96
78) Pyrene	19.575	202	1240767	51.085	ng	99
80) Butylbenzylphthalate	20.451	149	552568	49.976	ng	99
81) Benzo(a)anthracene	21.286	228	1340310	52.084	ng	100
82) 3,3'-Dichlorobenzidine	21.222	252	128269	10.579	ng	99
83) Chrysene	21.339	228	1345686	54.953	ng	99
84) Bis(2-ethylhexyl)phtha...	21.216	149	785913	46.816	ng	100
85) Di-n-octyl phthalate	22.133	149	1449007	50.811	ng	99
87) Indeno(1,2,3-cd)pyrene	26.204	276	1852577	58.365	ng	97
88) Benzo(b)fluoranthene	22.974	252	1534705	58.349	ng	99
89) Benzo(k)fluoranthene	23.021	252	1540312	59.818	ng	99
90) Benzo(a)pyrene	23.592	252	1509963	67.170	ng	99
91) Dibenzo(a,h)anthracene	26.215	278	1577190	59.830	ng	98
92) Benzo(g,h,i)perylene	26.962	276	1576835	59.293	ng	98

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

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