Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122821\
Data File : BP008586.D
Acq On : 28 Dec 2021 20:00
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 29 09:20:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 08:40:14 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
Supervised By :mohammad ahmed 12/31/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	617495	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	2506620	20.000	ng	0.00
39) Acenaphthene-d10	14.528	164	1774711	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	3910051	20.000	ng	0.00
76) Chrysene-d12	21.363	240	3692652	20.000	ng	0.00
86) Perylene-d12	23.786	264	3161944	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3747892	110.785	ng	0.00
7) Phenol-d6	7.063	99	5201625	110.464	ng	0.00
23) Nitrobenzene-d5	9.057	82	4780864	113.462	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	3002811	125.059	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	13248202	112.770	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	725944	53.117	ng	99
3) Pyridine	3.769	79	2078689m	55.736	ng	
4) n-Nitrosodimethylamine	3.681	42	677900	56.314	ng	100
6) Aniline	7.222	93	3015984	55.107	ng	99
8) 2-Chlorophenol	7.463	128	2185322	54.838	ng	100
9) Benzaldehyde	7.034	77	1392222	49.794	ng	98
10) Phenol	7.087	94	2620684	55.128	ng	100
11) bis(2-Chloroethyl)ether	7.322	93	2101289	54.807	ng	99
12) 1,3-Dichlorobenzene	7.787	146	2520074	54.025	ng	100
13) 1,4-Dichlorobenzene	7.934	146	2554789	53.845	ng	99
14) 1,2-Dichlorobenzene	8.252	146	2472705	53.345	ng	99
15) Benzyl Alcohol	8.134	79	1893986	56.153	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.434	45	2317602	53.123	ng	99
17) 2-Methylphenol	8.340	107	1830317	55.329	ng	99
18) Hexachloroethane	8.987	117	860190	55.607	ng	97
19) n-Nitroso-di-n-propyla...	8.716	70	1617009	53.774	ng	99
20) 3+4-Methylphenols	8.669	107	2591694	55.766	ng	99
22) Acetophenone	8.722	105	3305187	54.988	ng	99
24) Nitrobenzene	9.099	77	2256545	56.231	ng	99
25) Isophorone	9.634	82	4506062	57.246	ng	99
26) 2-Nitrophenol	9.810	139	1211044	63.538	ng	99
27) 2,4-Dimethylphenol	9.875	122	1964573	57.121	ng	99
28) bis(2-Chloroethoxy)met...	10.110	93	3037046	55.729	ng	100
29) 2,4-Dichlorophenol	10.346	162	2448149	58.813	ng	100
30) 1,2,4-Trichlorobenzene	10.563	180	2766800	56.367	ng	99
31) Naphthalene	10.751	128	7157869	55.016	ng	99
32) Benzoic acid	10.040	122	1443484	66.776	ng	98
33) 4-Chloroaniline	10.857	127	3154787	56.549	ng	99
34) Hexachlorobutadiene	11.051	225	1688544	56.665	ng	99
35) Caprolactam	11.651	113	819404	59.889	ng	99
36) 4-Chloro-3-methylphenol	11.981	107	2427967	58.352	ng	99
37) 2-Methylnaphthalene	12.357	142	5416683	55.311	ng	99
38) 1-Methylnaphthalene	12.575	142	5275424	55.098	ng	100
40) 1,2,4,5-Tetrachloroben...	12.728	216	3192831	57.106	ng	100
41) Hexachlorocyclopentadiene	12.716	237	1805026	60.711	ng	100
43) 2,4,6-Trichlorophenol	12.963	196	2183836	60.034	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	2389742	59.498	ng		99
46) 1,1'-Biphenyl	13.369	154	7231788	55.092	ng		99
47) 2-Chloronaphthalene	13.410	162	5686038	55.271	ng		100
48) 2-Nitroaniline	13.604	65	1382878	61.320	ng		95
49) Acenaphthylene	14.251	152	8849819	56.004	ng		99
50) Dimethylphthalate	13.992	163	7621256	55.756	ng		99
51) 2,6-Dinitrotoluene	14.104	165	1666144	59.402	ng		96
52) Acenaphthene	14.592	154	5815105m	56.242	ng		
53) 3-Nitroaniline	14.428	138	1745598	59.795	ng		100
54) 2,4-Dinitrophenol	14.634	184	833590	64.673	ng		97
55) Dibenzofuran	14.928	168	9054432	54.627	ng		98
56) 4-Nitrophenol	14.734	139	1420787	61.805	ng		98
57) 2,4-Dinitrotoluene	14.887	165	2293798	61.291	ng		97
58) Fluorene	15.581	166	7043567	54.533	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	2159132m	60.016	ng		
60) Diethylphthalate	15.357	149	7532129	56.373	ng		100
61) 4-Chlorophenyl-phenyle...	15.575	204	3980220	55.319	ng		99
62) 4-Nitroaniline	15.598	138	1757082	59.265	ng		99
63) Azobenzene	15.869	77	5979108	55.445	ng		99
65) 4,6-Dinitro-2-methylph...	15.657	198	1295585	65.894	ng		97
66) n-Nitrosodiphenylamine	15.786	169	6499573	55.079	ng		99
67) 4-Bromophenyl-phenylether	16.469	248	2491679	58.238	ng		100
68) Hexachlorobenzene	16.586	284	2972396	56.597	ng		99
69) Atrazine	16.745	200	2542542	57.600	ng		99
70) Pentachlorophenol	16.928	266	1820833	63.654	ng		99
71) Phenanthrene	17.322	178	11436691	54.252	ng		99
72) Anthracene	17.416	178	11275323	54.894	ng		99
73) Carbazole	17.680	167	11053945	54.830	ng		99
74) Di-n-butylphthalate	18.239	149	12173372	55.192	ng	#	94
75) Fluoranthene	19.280	202	12875242	50.597	ng		95
77) Benzidine	19.457	184	6078559	57.494	ng		100
78) Pyrene	19.633	202	13077689	54.439	ng		94
80) Butylbenzylphthalate	20.510	149	5882108	61.389	ng		100
81) Benzo(a)anthracene	21.345	228	12741445	53.187	ng		92
82) 3,3'-Dichlorobenzidine	21.274	252	5077796	57.648	ng		99
83) Chrysene	21.398	228	11849946	52.888	ng		95
84) Bis(2-ethylhexyl)phtha...	21.280	149	8342923	57.640	ng		98
85) Di-n-octyl phthalate	22.216	149	13537829	60.425	ng		100
87) Indeno(1,2,3-cd)pyrene	26.321	276	11676511	54.976	ng		100
88) Benzo(b)fluoranthene	23.051	252	11880024	58.423	ng		99
89) Benzo(k)fluoranthene	23.098	252	11605964	57.413	ng		99
90) Benzo(a)pyrene	23.680	252	9509227	58.008	ng		100
91) Dibenzo(a,h)anthracene	26.339	278	9841333	54.926	ng		100
92) Benzo(g,h,i)perylene	27.092	276	9133928	54.517	ng		99

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

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