Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009591.D
Acq On : 29 Mar 2022 12:38
Operator : CG/JU
Sample : PB143599BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 30 04:07:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 04:00:13 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB143599BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	257032	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	1001233	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	594170	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1162269	20.000	ng		0.00
76) Chrysene-d12	21.298	240	1116201	20.000	ng		0.00
86) Perylene-d12	23.692	264	1202771	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1914830	130.068	ng		0.00
7) Phenol-d6	6.957	99	2370666	119.075	ng		0.00
23) Nitrobenzene-d5	8.922	82	1452764	77.106	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	938592	95.727	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	3317996	77.414	ng		0.00
79) Terphenyl-d14	19.757	244	4745170	76.304	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	197534	33.876	ng		97
3) Pyridine	3.693	79	511975	32.600	ng		99
4) n-Nitrosodimethylamine	3.605	42	239627	41.431	ng		99
6) Aniline	7.098	93	838022	36.932	ng		97
8) 2-Chlorophenol	7.340	128	710630	42.331	ng		97
9) Benzaldehyde	6.910	77	353100m	36.431	ng		
10) Phenol	6.981	94	864259	43.270	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	650804	41.171	ng		98
12) 1,3-Dichlorobenzene	7.657	146	748939	39.528	ng		98
13) 1,4-Dichlorobenzene	7.798	146	766407	39.563	ng		99
14) 1,2-Dichlorobenzene	8.116	146	736112	39.314	ng		99
15) Benzyl Alcohol	8.016	79	579647	36.517	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.304	45	722369	42.157	ng		96
17) 2-Methylphenol	8.228	107	557167	40.480	ng		99
18) Hexachloroethane	8.840	117	268666	39.573	ng		95
19) n-Nitroso-di-n-propyla...	8.575	70	488055	38.757	ng		98
20) 3+4-Methylphenols	8.557	107	750556	39.658	ng		99
22) Acetophenone	8.593	105	976357	39.399	ng	#	98
24) Nitrobenzene	8.963	77	725205	40.745	ng		99
25) Isophorone	9.498	82	1344898	41.847	ng		98
26) 2-Nitrophenol	9.681	139	361100	38.923	ng		96
27) 2,4-Dimethylphenol	9.751	122	613820	46.889	ng		98
28) bis(2-Chloroethoxy)met...	9.975	93	814449	38.921	ng		99
29) 2,4-Dichlorophenol	10.228	162	637368	39.915	ng		98
30) 1,2,4-Trichlorobenzene	10.428	180	697233	37.688	ng		99
31) Naphthalene	10.610	128	2022569	39.217	ng		100
32) Benzoic acid	9.934	122	360953	35.267	ng		93
33) 4-Chloroaniline	10.734	127	495298	23.535	ng		98
34) Hexachlorobutadiene	10.898	225	441790	35.244	ng		100
35) Caprolactam	11.522	113	188080	34.900	ng		91
36) 4-Chloro-3-methylphenol	11.875	107	627629	36.578	ng		98
37) 2-Methylnaphthalene	12.228	142	1381668	38.183	ng		99
38) 1-Methylnaphthalene	12.445	142	1321949	37.501	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	774694	39.297	ng		99
41) Hexachlorocyclopentadiene	12.581	237	533825	63.828	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	495992	37.958	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	531203	37.436	ng		97
46) 1,1'-Biphenyl	13.245	154	1766121	39.844	ng		99
47) 2-Chloronaphthalene	13.286	162	1390108	39.834	ng		99
48) 2-Nitroaniline	13.498	65	374520	39.404	ng		97
49) Acenaphthylene	14.133	152	2247596	41.721	ng		99
50) Dimethylphthalate	13.881	163	1643361	36.501	ng		100
51) 2,6-Dinitrotoluene	13.998	165	363164	38.499	ng		96
52) Acenaphthene	14.480	154	1269488	39.448	ng		100
53) 3-Nitroaniline	14.328	138	266624	26.760	ng	#	97
54) 2,4-Dinitrophenol	14.551	184	367548	63.684	ng		98
55) Dibenzofuran	14.816	168	2039976	37.733	ng		100
56) 4-Nitrophenol	14.663	139	538758	72.541	ng		99
57) 2,4-Dinitrotoluene	14.792	165	485880	37.460	ng		98
58) Fluorene	15.469	166	1605274	37.753	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.051	232	449439	34.938	ng		94
60) Diethylphthalate	15.245	149	1593829	35.371	ng		99
61) 4-Chlorophenyl-phenyle...	15.463	204	836661	35.720	ng		97
62) 4-Nitroaniline	15.498	138	350502	33.497	ng		98
63) Azobenzene	15.757	77	1490964	38.037	ng		99
65) 4,6-Dinitro-2-methylph...	15.569	198	259049	34.661	ng		95
66) n-Nitrosodiphenylamine	15.680	169	1385754	40.290	ng		99
67) 4-Bromophenyl-phenylether	16.363	248	526129	36.993	ng		96
68) Hexachlorobenzene	16.486	284	606901	37.078	ng		97
69) Atrazine	16.645	200	502025	41.514	ng		99
70) Pentachlorophenol	16.839	266	641745	73.344	ng		99
71) Phenanthrene	17.221	178	2463592	39.597	ng		100
72) Anthracene	17.316	178	2496670	40.644	ng		99
73) Carbazole	17.592	167	2253235	37.507	ng		100
74) Di-n-butylphthalate	18.151	149	2622810	37.257	ng		100
75) Fluoranthene	19.204	202	2818366	37.417	ng		99
77) Benzidine	19.392	184	1227755	44.875	ng		99
78) Pyrene	19.563	202	2936619	39.925	ng		99
80) Butylbenzylphthalate	20.445	149	1152690	36.871	ng		95
81) Benzo(a)anthracene	21.280	228	2876087	39.219	ng		99
82) 3,3'-Dichlorobenzidine	21.215	252	892039	31.488	ng		99
83) Chrysene	21.333	228	2673856	38.506	ng		100
84) Bis(2-ethylhexyl)phtha...	21.215	149	1648387	37.828	ng		99
85) Di-n-octyl phthalate	22.139	149	2832520	37.711	ng		98
87) Indeno(1,2,3-cd)pyrene	26.198	276	3698567	40.532	ng		97
88) Benzo(b)fluoranthene	22.962	252	2978307	41.479	ng		99
89) Benzo(k)fluoranthene	23.009	252	2969550	42.240	ng		99
90) Benzo(a)pyrene	23.586	252	2957476	48.142	ng		98
91) Dibenzo(a,h)anthracene	26.203	278	3262802	42.903	ng		97
92) Benzo(g,h,i)perylene	26.956	276	3296913	44.067	ng		96

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

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