Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009176.D
Acq On : 16 Feb 2022 13:42
Operator : CG/JU
Sample : PB142687BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 16 14:33:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB142687BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	216072	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	900098	20.000	ng		0.00
39) Acenaphthene-d10	14.434	164	632847	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1374949	20.000	ng		0.00
76) Chrysene-d12	21.292	240	1469244	20.000	ng	#	0.00
86) Perylene-d12	23.680	264	1537334	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1568930	129.525	ng		0.00
7) Phenol-d6	6.981	99	2027941	127.057	ng		0.00
23) Nitrobenzene-d5	8.952	82	1208223	75.699	ng		0.00
42) 2,4,6-Tribromophenol	15.934	330	1144225	135.417	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	3354534	74.204	ng		0.00
79) Terphenyl-d14	19.757	244	5782513	70.777	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	136122	34.122	ng		97
3) Pyridine	3.681	79	339983	29.174	ng		94
4) n-Nitrosodimethylamine	3.599	42	178720	40.032	ng	#	95
6) Aniline	7.122	93	674533	37.233	ng		99
8) 2-Chlorophenol	7.363	128	629631	46.058	ng		100
9) Benzaldehyde	6.934	77	285816	35.353	ng		95
10) Phenol	7.010	94	770666	48.024	ng		95
11) bis(2-Chloroethyl)ether	7.216	93	545001	43.738	ng		98
12) 1,3-Dichlorobenzene	7.675	146	641947	40.604	ng		99
13) 1,4-Dichlorobenzene	7.822	146	662386	41.041	ng		99
14) 1,2-Dichlorobenzene	8.140	146	637436	40.754	ng		99
15) Benzyl Alcohol	8.040	79	519624	51.142	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	601672	42.841	ng		98
17) 2-Methylphenol	8.252	107	512655	47.652	ng		97
18) Hexachloroethane	8.857	117	224450	41.981	ng		96
19) n-Nitroso-di-n-propyla...	8.604	70	429346	46.981	ng		98
20) 3+4-Methylphenols	8.587	107	711273	48.307	ng		97
22) Acetophenone	8.616	105	898147	42.685	ng	#	96
24) Nitrobenzene	8.993	77	615007	40.760	ng		97
25) Isophorone	9.522	82	1156642	43.616	ng		99
26) 2-Nitrophenol	9.710	139	350334	44.893	ng		97
27) 2,4-Dimethylphenol	9.781	122	586707	50.281	ng		99
28) bis(2-Chloroethoxy)met...	10.004	93	731637	40.646	ng		98
29) 2,4-Dichlorophenol	10.257	162	668114	45.821	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	686252	40.029	ng		100
31) Naphthalene	10.634	128	1844300	40.174	ng		99
32) Benzoic acid	10.004	122	414075	43.795	ng		98
33) 4-Chloroaniline	10.769	127	428186	23.099	ng		100
34) Hexachlorobutadiene	10.916	225	431271	40.893	ng		98
35) Caprolactam	11.575	113	207557	48.546	ng		97
36) 4-Chloro-3-methylphenol	11.910	107	640073	46.019	ng		99
37) 2-Methylnaphthalene	12.251	142	1424632	43.853	ng		98
38) 1-Methylnaphthalene	12.469	142	1319255	41.559	ng		98
40) 1,2,4,5-Tetrachloroben...	12.628	216	856057	42.498	ng		99
41) Hexachlorocyclopentadiene	12.598	237	483094	65.835	ng		99
43) 2,4,6-Trichlorophenol	12.875	196	567773	42.504	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	624271	43.580	ng		97
46) 1,1'-Biphenyl	13.263	154	1920146	41.297	ng		99
47) 2-Chloronaphthalene	13.310	162	1479785	40.052	ng		99
48) 2-Nitroaniline	13.528	65	383219	44.763	ng		95
49) Acenaphthylene	14.151	152	2333409	41.891	ng		100
50) Dimethylphthalate	13.898	163	1950995	43.249	ng		100
51) 2,6-Dinitrotoluene	14.022	165	437943	46.549	ng		95
52) Acenaphthene	14.498	154	1382591	40.794	ng		100
53) 3-Nitroaniline	14.357	138	270995	28.161	ng		99
54) 2,4-Dinitrophenol	14.587	184	479688	76.321	ng		96
55) Dibenzofuran	14.834	168	2303017	40.333	ng		98
56) 4-Nitrophenol	14.704	139	605204	74.534	ng		91
57) 2,4-Dinitrotoluene	14.822	165	602703	49.053	ng	#	83
58) Fluorene	15.486	166	1878562	42.823	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	551807m	44.018	ng		
60) Diethylphthalate	15.263	149	1894236	44.409	ng		99
61) 4-Chlorophenyl-phenyle...	15.481	204	1004009	42.124	ng		99
62) 4-Nitroaniline	15.534	138	422615m	43.678	ng		
63) Azobenzene	15.775	77	1559228	42.249	ng		97
65) 4,6-Dinitro-2-methylph...	15.598	198	329217	39.016	ng		96
66) n-Nitrosodiphenylamine	15.698	169	1685826	40.429	ng		100
67) 4-Bromophenyl-phenylether	16.375	248	668612	41.963	ng		98
68) Hexachlorobenzene	16.504	284	773486	43.338	ng		98
69) Atrazine	16.663	200	656410	47.473	ng		99
70) Pentachlorophenol	16.857	266	862231	91.750	ng		99
71) Phenanthrene	17.233	178	3050593	40.976	ng		99
72) Anthracene	17.328	178	3125260	42.906	ng		99
73) Carbazole	17.604	167	2861012	40.977	ng		100
74) Di-n-butylphthalate	18.151	149	3332848	47.112	ng		99
75) Fluoranthene	19.210	202	3777182	45.267	ng		96
77) Benzidine	19.392	184	1775645	57.836	ng		99
78) Pyrene	19.563	202	3882948	37.151	ng		97
80) Butylbenzylphthalate	20.433	149	1602466	44.589	ng		95
81) Benzo(a)anthracene	21.274	228	3848526	40.647	ng		98
82) 3,3'-Dichlorobenzidine	21.210	252	1261181	38.417	ng		100
83) Chrysene	21.327	228	3707371	40.618	ng		98
84) Bis(2-ethylhexyl)phtha...	21.192	149	2369540	49.845	ng		98
85) Di-n-octyl phthalate	22.110	149	4103519	53.963	ng		100
87) Indeno(1,2,3-cd)pyrene	26.186	276	4716323	41.289	ng		97
88) Benzo(b)fluoranthene	22.957	252	4314132	45.584	ng		99
89) Benzo(k)fluoranthene	23.004	252	3960075	41.940	ng		97
90) Benzo(a)pyrene	23.580	252	4033754	51.122	ng		98
91) Dibenzo(a,h)anthracene	26.192	278	4012002	42.739	ng		98
92) Benzo(g,h,i)perylene	26.951	276	3875521	41.465	ng		98

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

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