Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032522\
Data File : BP009552.D
Acq On : 25 Mar 2022 14:54
Operator : CG/JU
Sample : PB143517BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 26 03:00:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB143517BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	343733	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	1464535	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	944540	20.000	ng		0.00
64) Phenanthrene-d10	17.181	188	1999249	20.000	ng		0.00
76) Chrysene-d12	21.298	240	1996047	20.000	ng		0.00
86) Perylene-d12	23.686	264	1988017	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2750755	139.720	ng		0.00
7) Phenol-d6	6.963	99	3548799	133.290	ng		0.00
23) Nitrobenzene-d5	8.928	82	2161416	78.427	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	1661665	106.609	ng		0.00
45) 2-Fluorobiphenyl	13.034	172	5217955	76.583	ng		0.00
79) Terphenyl-d14	19.757	244	8528809	76.693	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	254373	32.620	ng		98
3) Pyridine	3.693	79	697815	33.226	ng		98
4) n-Nitrosodimethylamine	3.605	42	336572	43.514	ng		99
6) Aniline	7.099	93	1216612	40.093	ng		99
8) 2-Chlorophenol	7.340	128	1033576	46.039	ng		98
9) Benzaldehyde	6.916	77	503642m	39.413	ng		
10) Phenol	6.987	94	1303360	48.795	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	928038	43.901	ng		96
12) 1,3-Dichlorobenzene	7.658	146	1017467	40.156	ng		98
13) 1,4-Dichlorobenzene	7.805	146	1041056	40.185	ng		99
14) 1,2-Dichlorobenzene	8.116	146	1015217	40.544	ng		99
15) Benzyl Alcohol	8.016	79	884110	41.649	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.305	45	1068409	46.625	ng		97
17) 2-Methylphenol	8.228	107	860635	46.756	ng		99
18) Hexachloroethane	8.840	117	365514	40.259	ng		97
19) n-Nitroso-di-n-propyla...	8.581	70	740170	43.952	ng		98
20) 3+4-Methylphenols	8.558	107	1171482	46.286	ng		99
22) Acetophenone	8.593	105	1443214	39.815	ng	#	99
24) Nitrobenzene	8.969	77	1088066	41.793	ng		97
25) Isophorone	9.499	82	2077276	44.188	ng		98
26) 2-Nitrophenol	9.681	139	557093	41.052	ng		95
27) 2,4-Dimethylphenol	9.752	122	973264	50.827	ng		99
28) bis(2-Chloroethoxy)met...	9.981	93	1269671	41.481	ng		99
29) 2,4-Dichlorophenol	10.222	162	1017811	43.576	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	1023215	37.811	ng		99
31) Naphthalene	10.610	128	3015225	39.970	ng		100
32) Benzoic acid	9.952	122	639486	42.715	ng		94
33) 4-Chloroaniline	10.734	127	664024	21.571	ng		98
34) Hexachlorobutadiene	10.904	225	646338	35.250	ng		99
35) Caprolactam	11.534	113	318377m	40.389	ng		
36) 4-Chloro-3-methylphenol	11.875	107	1039777	41.428	ng		98
37) 2-Methylnaphthalene	12.228	142	2145314	40.531	ng		100
38) 1-Methylnaphthalene	12.446	142	2069519	40.136	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1207929	38.544	ng		99
41) Hexachlorocyclopentadiene	12.581	237	1054328	77.535	ng		100
43) 2,4,6-Trichlorophenol	12.851	196	828674	39.894	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.928	196	898142	39.817	ng		98
46)	1,1'-Biphenyl	13.246	154	2830318	40.167	ng		99
47)	2-Chloronaphthalene	13.287	162	2193116	39.533	ng		99
48)	2-Nitroaniline	13.498	65	640727	42.406	ng		95
49)	Acenaphthylene	14.134	152	3674853	42.910	ng		100
50)	Dimethylphthalate	13.881	163	2813162	39.306	ng		100
51)	2,6-Dinitrotoluene	13.998	165	629093	41.952	ng		97
52)	Acenaphthene	14.481	154	2065231	40.370	ng		99
53)	3-Nitroaniline	14.328	138	395110	24.946	ng		96
54)	2,4-Dinitrophenol	14.545	184	707659	76.175	ng		97
55)	Dibenzofuran	14.816	168	3343689	38.905	ng		100
56)	4-Nitrophenol	14.663	139	1013488	85.842	ng		97
57)	2,4-Dinitrotoluene	14.793	165	860674	41.742	ng		99
58)	Fluorene	15.469	166	2659296	39.343	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.051	232	765971	37.457	ng		95
60)	Diethylphthalate	15.251	149	2793439	38.998	ng		100
61)	4-Chlorophenyl-phenyle...	15.463	204	1412900	37.946	ng		96
62)	4-Nitroaniline	15.498	138	632195	38.006	ng		98
63)	Azobenzene	15.757	77	2568167	41.215	ng		99
65)	4,6-Dinitro-2-methylph...	15.563	198	487305	37.906	ng		97
66)	n-Nitrosodiphenylamine	15.687	169	2397310	40.520	ng		99
67)	4-Bromophenyl-phenylether	16.363	248	919641	37.591	ng		97
68)	Hexachlorobenzene	16.487	284	1043674	37.068	ng		97
69)	Atrazine	16.651	200	907471	43.626	ng		98
70)	Pentachlorophenol	16.839	266	1250044	83.055	ng		99
71)	Phenanthrene	17.222	178	4270791	39.906	ng		99
72)	Anthracene	17.316	178	4306214	40.754	ng		100
73)	Carbazole	17.592	167	3963714	38.357	ng		99
74)	Di-n-butylphthalate	18.151	149	4786393	39.526	ng		100
75)	Fluoranthene	19.204	202	5098260	39.349	ng		99
77)	Benzidine	19.386	184	2169738	44.348	ng		100
78)	Pyrene	19.557	202	5226486	39.736	ng		99
80)	Butylbenzylphthalate	20.445	149	2179308	38.982	ng		95
81)	Benzo(a)anthracene	21.280	228	5257790	40.093	ng		100
82)	3,3'-Dichlorobenzidine	21.216	252	1480025	29.214	ng	#	98
83)	Chrysene	21.333	228	4843377	39.004	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.216	149	3134929	40.230	ng		100
85)	Di-n-octyl phthalate	22.133	149	5413124	40.301	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.186	276	5408597	35.860	ng		97
88)	Benzo(b)fluoranthene	22.957	252	5240444	44.156	ng		99
89)	Benzo(k)fluoranthene	23.010	252	5246090	45.147	ng		98
90)	Benzo(a)pyrene	23.580	252	5050624	49.741	ng		98
91)	Dibenzo(a,h)anthracene	26.198	278	4799822	38.184	ng		97
92)	Benzo(g,h,i)perylene	26.945	276	4580198	37.038	ng		96

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

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