Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060322\
Data File : BM035389.D
Acq On : 03 Jun 2022 11:19
Operator : CG/JU
Sample : PB145220BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 04 00:44:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 16:16:23 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB145220BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/06/2022
Supervised By :Jagrut Upadhyay 06/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	218484	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	928326	20.000	ng	#	0.00
39) Acenaphthene-d10	14.492	164	627588	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1227109	20.000	ng		-0.01
76) Chrysene-d12	21.421	240	959200	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	788415	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1416450	136.230	ng		0.00
7) Phenol-d6	7.039	99	1772464	124.799	ng		0.00
23) Nitrobenzene-d5	9.016	82	1088734	74.468	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	1087431	107.993	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	3416283	78.184	ng		0.00
79) Terphenyl-d14	19.862	244	4798089	99.657	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	107445	30.804	ng	#	87
3) Pyridine	3.734	79	281466	29.592	ng		87
4) n-Nitrosodimethylamine	3.646	42	164710	45.893	ng	#	69
6) Aniline	7.181	93	652505	42.030	ng		94
8) 2-Chlorophenol	7.422	128	614006	47.062	ng		88
9) Benzaldehyde	6.992	77	48244	4.282	ng		87
10) Phenol	7.063	94	661637	48.324	ng		93
11) bis(2-Chloroethyl)ether	7.275	93	482414	43.315	ng		91
12) 1,3-Dichlorobenzene	7.739	146	612867	40.224	ng	#	94
13) 1,4-Dichlorobenzene	7.886	146	634819	40.581	ng		97
14) 1,2-Dichlorobenzene	8.198	146	622555	40.584	ng		97
15) Benzyl Alcohol	8.098	79	455200m	43.862	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	566160	41.693	ng		92
17) 2-Methylphenol	8.310	107	479296	46.305	ng		95
18) Hexachloroethane	8.928	117	211671	41.483	ng	#	81
19) n-Nitroso-di-n-propyla...	8.669	70	382914	42.634	ng	#	85
20) 3+4-Methylphenols	8.639	107	645394	44.546	ng		96
22) Acetophenone	8.681	105	814213	39.452	ng	#	91
24) Nitrobenzene	9.057	77	553052	41.760	ng		90
25) Isophorone	9.586	82	1085654	42.934	ng		94
26) 2-Nitrophenol	9.769	139	355857	41.064	ng	#	83
27) 2,4-Dimethylphenol	9.839	122	574359	49.979	ng		97
28) bis(2-Chloroethoxy)met...	10.063	93	704480	40.313	ng		99
29) 2,4-Dichlorophenol	10.310	162	671624	42.861	ng		95
30) 1,2,4-Trichlorobenzene	10.516	180	696904	38.662	ng		98
31) Naphthalene	10.698	128	1763029	39.196	ng		99
32) Benzoic acid	10.045	122	418974	40.757	ng		89
33) 4-Chloroaniline	10.816	127	514510	27.314	ng	#	95
34) Hexachlorobutadiene	10.986	225	453397	38.039	ng		98
35) Caprolactam	11.639	113	160897m	34.887	ng		
36) 4-Chloro-3-methylphenol	11.957	107	584402	40.454	ng		95
37) 2-Methylnaphthalene	12.316	142	1327891	39.123	ng		97
38) 1-Methylnaphthalene	12.533	142	1276125	38.366	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	853407	41.479	ng	#	96
41) Hexachlorocyclopentadiene	12.663	237	989882	97.584	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	580585	41.807	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	632163	42.400	ng	#	89
46) 1,1'-Biphenyl	13.327	154	1833846	40.992	ng		98
47) 2-Chloronaphthalene	13.368	162	1452597	41.620	ng		97
48) 2-Nitroaniline	13.580	65	316694	40.831	ng	#	77
49) Acenaphthylene	14.215	152	2310513	43.471	ng		100
50) Dimethylphthalate	13.963	163	1836159	39.799	ng	#	99
51) 2,6-Dinitrotoluene	14.074	165	411660	41.799	ng	#	74
52) Acenaphthene	14.557	154	1300344	40.403	ng		99
53) 3-Nitroaniline	14.404	138	258811	27.683	ng		89
54) 2,4-Dinitrophenol	14.621	184	511687	73.167	ng	#	74
55) Dibenzofuran	14.892	168	2183876	39.507	ng		92
56) 4-Nitrophenol	14.739	139	537105	76.551	ng	#	77
57) 2,4-Dinitrotoluene	14.868	165	545861	40.490	ng	#	79
58) Fluorene	15.539	166	1712131	39.643	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	535637	39.028	ng	#	81
60) Diethylphthalate	15.321	149	1810292	39.679	ng		96
61) 4-Chlorophenyl-phenyle...	15.533	204	988179	39.893	ng	#	89
62) 4-Nitroaniline	15.574	138	334604	34.303	ng		85
63) Azobenzene	15.827	77	1298894	40.096	ng		87
65) 4,6-Dinitro-2-methylph...	15.633	198	325616	39.499	ng		79
66) n-Nitrosodiphenylamine	15.751	169	1547030	44.675	ng		99
67) 4-Bromophenyl-phenylether	16.427	248	659767	44.356	ng	#	87
68) Hexachlorobenzene	16.551	284	740637	44.515	ng	#	82
69) Atrazine	16.709	200	573244	44.985	ng		96
70) Pentachlorophenol	16.898	266	815434	89.668	ng		99
71) Phenanthrene	17.280	178	2620679	42.193	ng		99
72) Anthracene	17.368	178	2687412	43.430	ng		99
73) Carbazole	17.645	167	2165317	37.158	ng		97
74) Di-n-butylphthalate	18.209	149	2994596	41.383	ng		99
75) Fluoranthene	19.297	202	2835528	37.819	ng		97
77) Benzidine	19.480	184	830096	45.972	ng		100
78) Pyrene	19.656	202	2825338	48.573	ng		99
80) Butylbenzylphthalate	20.556	149	1120923	45.368	ng	#	87
81) Benzo(a)anthracene	21.403	228	2505344	42.542	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	735412	47.487	ng	#	98
83) Chrysene	21.456	228	2305846	41.006	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1715029	46.084	ng	#	94
85) Di-n-octyl phthalate	22.244	149	2727038	41.924	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.226	276	2195132	41.971	ng	#	94
88) Benzo(b)fluoranthene	23.062	252	2194477	48.325	ng		98
89) Benzo(k)fluoranthene	23.109	252	2154594m	46.366	ng		
90) Benzo(a)pyrene	23.674	252	2021124	52.274	ng	#	97
91) Dibenzo(a,h)anthracene	26.238	278	1949907	44.668	ng	#	96
92) Benzo(g,h,i)perylene	26.973	276	1885952	44.791	ng	#	94

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

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