Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100422\
Data File : BM036827.D
Acq On : 04 Oct 2022 12:11
Operator : CG/JU
Sample : PB147982BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 22:04:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 03:17:03 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB147982BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
Supervised By :mohammad ahmed 10/10/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	461025	20.000	ng		0.00
21) Naphthalene-d8	10.780	136	2023481	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	1175272	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	2176790	20.000	ng		0.00
76) Chrysene-d12	21.515	240	1707647	20.000	ng		0.00
86) Perylene-d12	23.927	264	1344399	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	3985838	153.435	ng		0.00
7) Phenol-d6	7.140	99	5048021	138.342	ng		0.00
23) Nitrobenzene-d5	9.139	82	2901568	76.698	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	1293589	140.339	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	6103507	80.076	ng		0.00
79) Terphenyl-d14	19.956	244	7400668	86.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	382949	34.213	ng		99
3) Pyridine	3.804	79	1155449	33.443	ng		98
4) n-Nitrosodimethylamine	3.710	42	588633	39.253	ng		99
6) Aniline	7.298	93	1485182	32.056	ng		99
8) 2-Chlorophenol	7.534	128	1423905	45.937	ng		98
9) Benzaldehyde	7.104	77	282414	12.084	ng		96
10) Phenol	7.163	94	1905877	45.602	ng		98
11) bis(2-Chloroethyl)ether	7.392	93	1420342	41.605	ng		98
12) 1,3-Dichlorobenzene	7.857	146	1403670	41.333	ng		98
13) 1,4-Dichlorobenzene	8.004	146	1431472	41.130	ng		98
14) 1,2-Dichlorobenzene	8.322	146	1385864	41.570	ng		99
15) Benzyl Alcohol	8.216	79	1208071	42.492	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1939975	38.907	ng		99
17) 2-Methylphenol	8.416	107	1202362	44.061	ng		100
18) Hexachloroethane	9.051	117	527869	41.114	ng		98
19) n-Nitroso-di-n-propyla...	8.786	70	1083268	39.083	ng		98
20) 3+4-Methylphenols	8.745	107	1609402	42.903	ng		98
22) Acetophenone	8.804	105	2087678	41.105	ng	#	97
24) Nitrobenzene	9.181	77	1576373	39.402	ng		99
25) Isophorone	9.716	82	2896988	41.422	ng		98
26) 2-Nitrophenol	9.892	139	665390	42.099	ng		98
27) 2,4-Dimethylphenol	9.951	122	1343808	51.927	ng		100
28) bis(2-Chloroethoxy)met...	10.192	93	1873402	44.282	ng		100
29) 2,4-Dichlorophenol	10.428	162	1238300	45.317	ng		99
30) 1,2,4-Trichlorobenzene	10.639	180	1179979	40.104	ng		100
31) Naphthalene	10.833	128	4249577	38.874	ng		99
32) Benzoic acid	10.116	122	870673	40.309	ng		97
33) 4-Chloroaniline	10.945	127	579878	13.196	ng		97
34) Hexachlorobutadiene	11.110	225	651793	40.506	ng		100
35) Caprolactam	11.757	113	377823m	40.068	ng		
36) 4-Chloro-3-methylphenol	12.063	107	1378403	42.909	ng		98
37) 2-Methylnaphthalene	12.433	142	2941154	40.053	ng		100
38) 1-Methylnaphthalene	12.651	142	2804156	39.018	ng		99
40) 1,2,4,5-Tetrachloroben...	12.798	216	1258569	43.623	ng		99
41) Hexachlorocyclopentadiene	12.780	237	1722554	121.887	ng		99
43) 2,4,6-Trichlorophenol	13.039	196	879497	44.464	ng		99

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44) 2,4,5-Trichlorophenol	13.110	196	959657	43.587	ng	97
46) 1,1'-Biphenyl	13.439	154	3708727	42.803	ng	100
47) 2-Chloronaphthalene	13.480	162	2735814	41.117	ng	100
48) 2-Nitroaniline	13.686	65	867387	37.799	ng	100
49) Acenaphthylene	14.327	152	4464128	41.429	ng	100
50) Dimethylphthalate	14.068	163	3352695	40.453	ng	100
51) 2,6-Dinitrotoluene	14.180	165	712904	43.050	ng	96
52) Acenaphthene	14.663	154	2695427	40.253	ng	98
53) 3-Nitroaniline	14.510	138	562335	28.285	ng	99
54) 2,4-Dinitrophenol	14.716	184	816843	82.282	ng	96
55) Dibenzofuran	14.998	168	4095752	40.399	ng	98
56) 4-Nitrophenol	14.815	139	1346033	84.690	ng	99
57) 2,4-Dinitrotoluene	14.963	165	957188	40.350	ng	97
58) Fluorene	15.645	166	3397582	40.905	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	751602	41.276	ng	97
60) Diethylphthalate	15.421	149	3459508	40.246	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	1551443	42.741	ng	95
62) 4-Nitroaniline	15.674	138	810375	36.846	ng	96
63) Azobenzene	15.933	77	3702492	38.729	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	461602	39.711	ng	98
66) n-Nitrosodiphenylamine	15.857	169	2802753	41.674	ng	100
67) 4-Bromophenyl-phenylether	16.527	248	867396	43.211	ng	97
68) Hexachlorobenzene	16.645	284	951727	42.815	ng	93
69) Atrazine	16.804	200	713758	38.525	ng	98
70) Pentachlorophenol	16.986	266	1223921	89.715	ng	99
71) Phenanthrene	17.380	178	4868783	39.951	ng	100
72) Anthracene	17.474	178	4921678	42.352	ng	100
73) Carbazole	17.745	167	4507791	41.560	ng	99
74) Di-n-butylphthalate	18.304	149	5714247	42.070	ng	100
75) Fluoranthene	19.392	202	5091323	40.604	ng	99
77) Benzidine	19.574	184	1188913	33.184	ng	100
78) Pyrene	19.750	202	5246164	40.795	ng	99
80) Butylbenzylphthalate	20.650	149	2263242	38.325	ng	97
81) Benzo(a)anthracene	21.497	228	4437976	40.012	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	1099043	36.503	ng	99
83) Chrysene	21.550	228	4175513	39.085	ng	100
84) Bis(2-ethylhexyl)phtha...	21.421	149	3372031	39.239	ng	99
85) Di-n-octyl phthalate	22.356	149	4995385	37.774	ng	97
87) Indeno(1,2,3-cd)pyrene	26.438	276	3430242	38.636	ng	99
88) Benzo(b)fluoranthene	23.191	252	3779423	44.362	ng	99
89) Benzo(k)fluoranthene	23.238	252	3791564	43.254	ng	99
90) Benzo(a)pyrene	23.821	252	3117213	45.495	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	3039924	41.101	ng	99
92) Benzo(g,h,i)perylene	27.209	276	2901629	40.408	ng	98

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

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