Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
Data File : BM035830.D
Acq On : 15 Jul 2022 14:28
Operator : CG/JU
Sample : PB146152BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 15 23:46:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146152BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	295257	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1164215	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	625034	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1132477	20.000	ng		0.00
76) Chrysene-d12	21.450	240	980887	20.000	ng		0.00
86) Perylene-d12	23.833	264	1004054	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	2230972	122.731	ng		0.00
7) Phenol-d6	7.069	99	2657770	116.889	ng		0.00
23) Nitrobenzene-d5	9.069	82	1666993	81.856	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	813725	128.201	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	3494619	77.974	ng		0.00
79) Terphenyl-d14	19.898	244	4417522	87.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	255493	33.321	ng		94
3) Pyridine	3.728	79	688262	34.586	ng		89
4) n-Nitrosodimethylamine	3.640	42	348841	39.826	ng	#	67
6) Aniline	7.228	93	1027599	40.442	ng		95
8) 2-Chlorophenol	7.463	128	818532	43.248	ng		96
9) Benzaldehyde	7.040	77	483131	38.930	ng		93
10) Phenol	7.098	94	989653	43.225	ng		90
11) bis(2-Chloroethyl)ether	7.328	93	795843	42.161	ng		98
12) 1,3-Dichlorobenzene	7.793	146	899581	41.461	ng		97
13) 1,4-Dichlorobenzene	7.940	146	923960	41.808	ng		99
14) 1,2-Dichlorobenzene	8.257	146	882114	41.363	ng		99
15) Benzyl Alcohol	8.145	79	635010m	43.429	ng		
16) 2,2'-oxybis(1-Chloropr...	8.445	45	1069049	43.873	ng		97
17) 2-Methylphenol	8.351	107	640268	43.377	ng		95
18) Hexachloroethane	8.987	117	347727	44.714	ng		94
19) n-Nitroso-di-n-propyla...	8.716	70	567417	43.455	ng		89
20) 3+4-Methylphenols	8.681	107	839866	42.513	ng		97
22) Acetophenone	8.734	105	1173658	41.760	ng	#	92
24) Nitrobenzene	9.116	77	844544	44.010	ng		96
25) Isophorone	9.639	82	1525178	47.284	ng		98
26) 2-Nitrophenol	9.822	139	386023	47.038	ng		94
27) 2,4-Dimethylphenol	9.887	122	687089	49.647	ng		97
28) bis(2-Chloroethoxy)met...	10.128	93	958960	42.167	ng		99
29) 2,4-Dichlorophenol	10.357	162	669730	44.203	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	744755	39.775	ng		98
31) Naphthalene	10.763	128	2423512	41.219	ng		99
32) Benzoic acid	10.004	122	414506	45.022	ng		95
33) 4-Chloroaniline	10.875	127	628556	27.038	ng		95
34) Hexachlorobutadiene	11.045	225	444090	41.124	ng		99
35) Caprolactam	11.645	113	193669	42.551	ng		96
36) 4-Chloro-3-methylphenol	11.998	107	661382	43.168	ng		99
37) 2-Methylnaphthalene	12.369	142	1579453	40.842	ng		98
38) 1-Methylnaphthalene	12.592	142	1497910	39.761	ng		98
40) 1,2,4,5-Tetrachloroben...	12.733	216	762818	42.158	ng		99
41) Hexachlorocyclopentadiene	12.716	237	1087485	115.235	ng		97
43) 2,4,6-Trichlorophenol	12.975	196	482794	45.796	ng		99

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Sample : PB146152BSD
Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	515239	45.561	ng	98
46) 1,1'-Biphenyl	13.380	154	1968259	41.462	ng	99
47) 2-Chloronaphthalene	13.422	162	1508678	41.510	ng	99
48) 2-Nitroaniline	13.622	65	408751	43.336	ng	94
49) Acenaphthylene	14.263	152	2351883	42.812	ng	100
50) Dimethylphthalate	14.004	163	1673173	41.534	ng	99
51) 2,6-Dinitrotoluene	14.122	165	370365	42.500	ng	90
52) Acenaphthene	14.604	154	1382026	41.219	ng	100
53) 3-Nitroaniline	14.445	138	309984	30.629	ng	92
54) 2,4-Dinitrophenol	14.645	184	350625	93.529	ng	89
55) Dibenzofuran	14.933	168	2139864	39.466	ng	98
56) 4-Nitrophenol	14.751	139	682618	83.161	ng	86
57) 2,4-Dinitrotoluene	14.898	165	489216	42.626	ng	99
58) Fluorene	15.580	166	1739778	40.442	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.157	232	408427	43.807	ng	96
60) Diethylphthalate	15.363	149	1673180	42.215	ng	100
61) 4-Chlorophenyl-phenyle...	15.580	204	837874	39.230	ng	96
62) 4-Nitroaniline	15.604	138	404932	37.682	ng	92
63) Azobenzene	15.874	77	1685516	41.036	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	206206	43.907	ng	94
66) n-Nitrosodiphenylamine	15.792	169	1427365	44.077	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	490595	43.742	ng	94
68) Hexachlorobenzene	16.580	284	571451	43.140	ng	91
69) Atrazine	16.745	200	462211	55.240	ng	99
70) Pentachlorophenol	16.921	266	674883	98.619	ng	98
71) Phenanthrene	17.321	178	2474549	41.594	ng	99
72) Anthracene	17.410	178	2485993	43.436	ng	99
73) Carbazole	17.680	167	2311691	40.148	ng	98
74) Di-n-butylphthalate	18.251	149	2645896	43.299	ng	99
75) Fluoranthene	19.333	202	2664843	40.053	ng	99
77) Benzidine	19.515	184	1347819	98.150	ng	99
78) Pyrene	19.692	202	2712458	44.034	ng	99
80) Butylbenzylphthalate	20.598	149	1009377	46.468	ng	99
81) Benzo(a)anthracene	21.439	228	2592657	42.134	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	766047	61.408	ng	99
83) Chrysene	21.492	228	2430871	40.918	ng	99
84) Bis(2-ethylhexyl)phtha...	21.380	149	1500950	45.846	ng	98
85) Di-n-octyl phthalate	22.303	149	2358677	49.134	ng	97
87) Indeno(1,2,3-cd)pyrene	26.315	276	3298946	45.119	ng	98
88) Benzo(b)fluoranthene	23.109	252	2734008	45.084	ng	99
89) Benzo(k)fluoranthene	23.156	252	2629050	41.448	ng	99
90) Benzo(a)pyrene	23.727	252	2390381	47.110	ng	99
91) Dibenzo(a,h)anthracene	26.333	278	2879894	47.480	ng	99
92) Benzo(g,h,i)perylene	27.074	276	2867219	47.910	ng	98

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

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