Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036116.D
Acq On : 05 Aug 2022 12:35
Operator : CG/JU
Sample : PB146663BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 06 01:11:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146663BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	368903	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1480478	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	753005	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	1288241	20.000	ng	0.00
76) Chrysene-d12	21.415	240	980771	20.000	ng	0.00
86) Perylene-d12	23.768	264	936459	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	2823025	124.067	ng	0.00
7) Phenol-d6	7.034	99	3406629	117.661	ng	0.00
23) Nitrobenzene-d5	9.022	82	2017954	76.299	ng	0.00
42) 2,4,6-Tribromophenol	15.980	330	989185	111.978	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	4110761	80.603	ng	0.00
79) Terphenyl-d14	19.856	244	4460662	89.709	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	255272	27.841	ng	# 93
3) Pyridine	3.693	79	720322	29.297	ng	89
4) n-Nitrosodimethylamine	3.605	42	404523	40.038	ng	# 63
6) Aniline	7.181	93	1339023	41.764	ng	96
8) 2-Chlorophenol	7.416	128	1068041	44.024	ng	95
9) Benzaldehyde	6.993	77	515881	33.656	ng	93
10) Phenol	7.057	94	1272797	43.660	ng	91
11) bis(2-Chloroethyl)ether	7.281	93	995981	41.473	ng	95
12) 1,3-Dichlorobenzene	7.740	146	1108349	41.227	ng	97
13) 1,4-Dichlorobenzene	7.887	146	1129958	41.215	ng	99
14) 1,2-Dichlorobenzene	8.204	146	1098085	41.510	ng	99
15) Benzyl Alcohol	8.104	79	817637m	42.083	ng	
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1323042	41.432	ng	96
17) 2-Methylphenol	8.304	107	829968	43.008	ng	96
18) Hexachloroethane	8.928	117	419696	42.525	ng	95
19) n-Nitroso-di-n-propyla...	8.669	70	709966	40.370	ng	# 87
20) 3+4-Methylphenols	8.640	107	1089719	41.563	ng	96
22) Acetophenone	8.687	105	1462883	41.742	ng	# 91
24) Nitrobenzene	9.069	77	1074569	43.219	ng	96
25) Isophorone	9.592	82	1880294	43.702	ng	99
26) 2-Nitrophenol	9.775	139	539817	46.031	ng	91
27) 2,4-Dimethylphenol	9.839	122	867489	47.752	ng	97
28) bis(2-Chloroethoxy)met...	10.075	93	1212430	39.553	ng	99
29) 2,4-Dichlorophenol	10.310	162	873263	42.745	ng	99
30) 1,2,4-Trichlorobenzene	10.522	180	935528	40.409	ng	99
31) Naphthalene	10.710	128	3037392	41.266	ng	100
32) Benzoic acid	9.998	122	594805	41.305	ng	93
33) 4-Chloroaniline	10.822	127	958887	32.325	ng	95
34) Hexachlorobutadiene	10.986	225	558223	41.033	ng	99
35) Caprolactam	11.634	113	239945	38.131	ng	93
36) 4-Chloro-3-methylphenol	11.957	107	850030	39.585	ng	100
37) 2-Methylnaphthalene	12.322	142	1983028	40.486	ng	97
38) 1-Methylnaphthalene	12.539	142	1865648	38.895	ng	98
40) 1,2,4,5-Tetrachloroben...	12.686	216	942678	46.176	ng	99
41) Hexachlorocyclopentadiene	12.663	237	1236229	114.336	ng	98
43) 2,4,6-Trichlorophenol	12.933	196	622440	44.808	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	661302	45.097	ng	97
46) 1,1'-Biphenyl	13.333	154	2431560	44.309	ng	99
47) 2-Chloronaphthalene	13.375	162	1859388	44.271	ng	99
48) 2-Nitroaniline	13.586	65	517063	45.174	ng	91
49) Acenaphthylene	14.216	152	2859689	44.047	ng	100
50) Dimethylphthalate	13.963	163	2037997	39.799	ng	99
51) 2,6-Dinitrotoluene	14.080	165	453118	44.102	ng	92
52) Acenaphthene	14.557	154	2015753m	47.463	ng	
53) 3-Nitroaniline	14.410	138	401360	33.483	ng	94
54) 2,4-Dinitrophenol	14.616	184	522427	96.089	ng	90
55) Dibenzofuran	14.892	168	2622367	41.233	ng	97
56) 4-Nitrophenol	14.727	139	836426	87.195	ng	84
57) 2,4-Dinitrotoluene	14.863	165	593936	44.104	ng	97
58) Fluorene	15.539	166	2048443	40.832	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.116	232	494304	39.793	ng	98
60) Diethylphthalate	15.321	149	1996750	37.944	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	983120	39.300	ng	98
62) 4-Nitroaniline	15.569	138	477820	38.747	ng	91
63) Azobenzene	15.827	77	1942622	38.832	ng	94
65) 4,6-Dinitro-2-methylph...	15.627	198	293748	44.595	ng	93
66) n-Nitrosodiphenylamine	15.751	169	1675162	46.063	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	574140	44.556	ng	96
68) Hexachlorobenzene	16.539	284	675074	45.659	ng	90
69) Atrazine	16.710	200	536060	52.680	ng	98
70) Pentachlorophenol	16.886	266	799221	92.299	ng	98
71) Phenanthrene	17.274	178	2859677	43.572	ng	99
72) Anthracene	17.368	178	2858108	44.981	ng	99
73) Carbazole	17.639	167	2625859	40.787	ng	99
74) Di-n-butylphthalate	18.204	149	3101560	40.357	ng	99
75) Fluoranthene	19.292	202	2946564	40.108	ng	99
77) Benzidine	19.486	184	1437386	97.724	ng	98
78) Pyrene	19.651	202	3013764	49.554	ng	99
80) Butylbenzylphthalate	20.556	149	1212885	46.207	ng	97
81) Benzo(a)anthracene	21.398	228	2660226	44.037	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	953475	65.002	ng	99
83) Chrysene	21.451	228	2503899	43.603	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	1696816	42.848	ng	98
85) Di-n-octyl phthalate	22.239	149	2693157	41.671	ng	95
87) Indeno(1,2,3-cd)pyrene	26.221	276	3181379	48.342	ng	98
88) Benzo(b)fluoranthene	23.050	252	2612038	47.607	ng	99
89) Benzo(k)fluoranthene	23.097	252	2591452	46.764	ng	98
90) Benzo(a)pyrene	23.668	252	2337840	50.785	ng	99
91) Dibenzo(a,h)anthracene	26.238	278	2822813	51.244	ng	99
92) Benzo(g,h,i)perylene	26.974	276	2859226	53.615	ng	99

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

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