Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032324\
Data File : BM044734.D
Acq On : 22 Mar 2024 14:48
Operator : MA/JU
Sample : PB159652BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 22 15:20:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 02:28:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB159652BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	201993	20.000	ng		-0.02
21) Naphthalene-d8	10.469	136	782986	20.000	ng		-0.02
39) Acenaphthene-d10	14.333	164	397147	20.000	ng		-0.02
64) Phenanthrene-d10	17.086	188	758677	20.000	ng		-0.02
76) Chrysene-d12	21.286	240	643889	20.000	ng		-0.02
86) Perylene-d12	23.527	264	714565	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1317832	93.672	ng		0.00
7) Phenol-d6	6.875	99	1588191	87.749	ng		0.00
23) Nitrobenzene-d5	8.851	82	1443370	88.808	ng		-0.01
42) 2,4,6-Tribromophenol	15.833	330	423848	96.760	ng		-0.01
45) 2-Fluorobiphenyl	12.951	172	2652801	91.993	ng		-0.02
79) Terphenyl-d14	19.733	244	3342674	90.815	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	223314	37.764	ng	#	95
3) Pyridine	3.681	79	583025	35.653	ng		96
4) n-Nitrosodimethylamine	3.610	42	311857	47.586	ng		88
6) Aniline	7.034	93	575665	26.855	ng		98
8) 2-Chlorophenol	7.257	128	669924	47.808	ng		99
9) Benzaldehyde	6.851	77	183815	19.391	ng		98
10) Phenol	6.904	94	839679	46.453	ng		98
11) bis(2-Chloroethyl)ether	7.134	93	666179	45.139	ng		99
12) 1,3-Dichlorobenzene	7.575	146	719885	47.778	ng		98
13) 1,4-Dichlorobenzene	7.722	146	730532	48.107	ng		99
14) 1,2-Dichlorobenzene	8.034	146	693779	47.907	ng		99
15) Benzyl Alcohol	7.939	79	565479	47.522	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.222	45	956583m	46.750	ng		
17) 2-Methylphenol	8.134	107	540302	43.829	ng		98
18) Hexachloroethane	8.745	117	282329	50.291	ng		99
19) n-Nitroso-di-n-propyla...	8.498	70	446133	40.362	ng		96
20) 3+4-Methylphenols	8.463	107	725104	43.586	ng		98
22) Acetophenone	8.516	105	943289	45.857	ng	#	98
24) Nitrobenzene	8.892	77	725437	45.154	ng		99
25) Isophorone	9.416	82	1306786	46.601	ng		99
26) 2-Nitrophenol	9.592	139	341050	49.195	ng		98
27) 2,4-Dimethylphenol	9.657	122	578287	47.433	ng		99
28) bis(2-Chloroethoxy)met...	9.898	93	820438	44.058	ng		100
29) 2,4-Dichlorophenol	10.122	162	553227	47.612	ng		97
30) 1,2,4-Trichlorobenzene	10.328	180	587133	47.498	ng		99
31) Naphthalene	10.516	128	1920894	44.702	ng		100
32) Benzoic acid	9.810	122	356197	37.468	ng		97
33) 4-Chloroaniline	10.639	127	415128	23.028	ng		99
34) Hexachlorobutadiene	10.786	225	336224	48.783	ng		99
35) Caprolactam	11.451	113	169888m	45.326	ng		
36) 4-Chloro-3-methylphenol	11.769	107	570760	44.764	ng		99
37) 2-Methylnaphthalene	12.133	142	1223931	41.965	ng		97
38) 1-Methylnaphthalene	12.357	142	1145747	42.151	ng		100
40) 1,2,4,5-Tetrachloroben...	12.504	216	558820	49.584	ng		98
41) Hexachlorocyclopentadiene	12.469	237	836778	130.330	ng		99
43) 2,4,6-Trichlorophenol	12.751	196	390087	51.259	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.827	196	417061	46.252	ng	98
46) 1,1'-Biphenyl	13.163	154	1489636	47.958	ng	99
47) 2-Chloronaphthalene	13.204	162	1143519	49.785	ng	99
48) 2-Nitroaniline	13.421	65	378926	48.621	ng	99
49) Acenaphthylene	14.051	152	1795654	47.990	ng	99
50) Dimethylphthalate	13.810	163	1357431	45.696	ng	100
51) 2,6-Dinitrotoluene	13.927	165	294979	47.685	ng	97
52) Acenaphthene	14.398	154	1078357	47.675	ng	98
53) 3-Nitroaniline	14.257	138	235895	32.566	ng	99
54) 2,4-Dinitrophenol	14.468	184	363373	89.232	ng	97
55) Dibenzofuran	14.733	168	1646048	45.853	ng	99
56) 4-Nitrophenol	14.574	139	595708	100.135	ng	95
57) 2,4-Dinitrotoluene	14.721	165	401644	49.691	ng	93
58) Fluorene	15.386	166	1297518	46.414	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.963	232	338884	48.405	ng	99
60) Diethylphthalate	15.180	149	1377646	45.813	ng	100
61) 4-Chlorophenyl-phenyle...	15.386	204	621946	46.343	ng	98
62) 4-Nitroaniline	15.433	138	331981m	45.881	ng	
63) Azobenzene	15.680	77	1438081	46.264	ng	98
65) 4,6-Dinitro-2-methylph...	15.480	198	224170	47.115	ng	99
66) n-Nitrosodiphenylamine	15.610	169	1107576	46.842	ng	99
67) 4-Bromophenyl-phenylether	16.286	248	369093	47.034	ng	99
68) Hexachlorobenzene	16.380	284	419599	50.301	ng	98
69) Atrazine	16.574	200	381313	51.608	ng	98
70) Pentachlorophenol	16.733	266	555951	92.653	ng	99
71) Phenanthrene	17.133	178	1943705	46.360	ng	99
72) Anthracene	17.221	178	1960058	46.613	ng	100
73) Carbazole	17.504	167	1880533	47.484	ng	100
74) Di-n-butylphthalate	18.074	149	2373229	46.505	ng	99
75) Fluoranthene	19.150	202	2119337	45.220	ng	99
77) Benzidine	19.356	184	666732	40.065	ng	99
78) Pyrene	19.515	202	2225825	47.165	ng	100
80) Butylbenzylphthalate	20.439	149	1045186	49.142	ng	98
81) Benzo(a)anthracene	21.274	228	2101245	46.901	ng	99
82) 3,3'-Dichlorobenzidine	21.215	252	602204	39.028	ng	99
83) Chrysene	21.327	228	1945809	45.451	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	1538319	48.010	ng	98
85) Di-n-octyl phthalate	22.109	149	2691365	48.424	ng	100
87) Indeno(1,2,3-cd)pyrene	25.797	276	2471114	47.837	ng	98
88) Benzo(b)fluoranthene	22.862	252	2128518	50.687	ng	98
89) Benzo(k)fluoranthene	22.903	252	2121241	49.137	ng	99
90) Benzo(a)pyrene	23.433	252	1874955	45.777	ng	99
91) Dibenzo(a,h)anthracene	25.815	278	2076538	47.683	ng	98
92) Benzo(g,h,i)perylene	26.485	276	2035465	47.481	ng	99

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

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