Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032823\
Data File : BM039177.D
Acq On : 28 Mar 2023 13:35
Operator : CG/JU
Sample : PB151512BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 29 01:26:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 28 01:46:09 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB151512BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/29/2023
Supervised By :Jagrut Upadhyay 03/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	283494	20.000	ng		0.00
21) Naphthalene-d8	10.751	136	1202174	20.000	ng		0.00
39) Acenaphthene-d10	14.586	164	756362	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	1589570	20.000	ng		0.00
76) Chrysene-d12	21.509	240	1382896	20.000	ng		0.00
86) Perylene-d12	23.933	264	1515612	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	2347803	125.823	ng		0.00
7) Phenol-d6	7.110	99	3138173	129.478	ng		0.00
23) Nitrobenzene-d5	9.110	82	1861075	76.044	ng		0.00
42) 2,4,6-Tribromophenol	16.074	330	1148053	131.207	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	4158303	71.570	ng		0.00
79) Terphenyl-d14	19.951	244	5771438	76.304	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	318325	38.347	ng		100
3) Pyridine	3.769	79	828679	35.994	ng		99
4) n-Nitrosodimethylamine	3.675	42	367303	39.206	ng		95
6) Aniline	7.263	93	1297041	40.758	ng		99
8) 2-Chlorophenol	7.504	128	1051828	52.947	ng		98
9) Benzaldehyde	7.075	77	601748	52.174	ng		97
10) Phenol	7.140	94	1353318	52.580	ng		97
11) bis(2-Chloroethyl)ether	7.363	93	962116	45.977	ng		99
12) 1,3-Dichlorobenzene	7.828	146	991387	46.960	ng		97
13) 1,4-Dichlorobenzene	7.975	146	1015748	47.308	ng		99
14) 1,2-Dichlorobenzene	8.293	146	983005	47.529	ng		99
15) Benzyl Alcohol	8.187	79	921365	53.037	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1271014	48.093	ng		99
17) 2-Methylphenol	8.393	107	911109	51.531	ng		99
18) Hexachloroethane	9.022	117	391177	49.379	ng		96
19) n-Nitroso-di-n-propyla...	8.757	70	793068	51.950	ng		97
20) 3+4-Methylphenols	8.722	107	1250476	52.968	ng		99
22) Acetophenone	8.769	105	1549757	45.948	ng	#	99
24) Nitrobenzene	9.151	77	1146519	44.571	ng		98
25) Isophorone	9.681	82	2189660	48.619	ng		100
26) 2-Nitrophenol	9.863	139	569966	50.045	ng		95
27) 2,4-Dimethylphenol	9.928	122	1030195	52.498	ng		99
28) bis(2-Chloroethoxy)met...	10.163	93	1395152	48.212	ng		99
29) 2,4-Dichlorophenol	10.404	162	1006895	54.120	ng		99
30) 1,2,4-Trichlorobenzene	10.616	180	933246	45.903	ng		98
31) Naphthalene	10.804	128	3026846	44.155	ng		99
32) Benzoic acid	10.098	122	805808	55.015	ng		99
33) 4-Chloroaniline	10.916	127	674961	23.104	ng		99
34) Hexachlorobutadiene	11.081	225	530071	45.465	ng		100
35) Caprolactam	11.722	113	335768m	59.297	ng		
36) 4-Chloro-3-methylphenol	12.045	107	1085872	54.811	ng		98
37) 2-Methylnaphthalene	12.410	142	2098495	45.673	ng		99
38) 1-Methylnaphthalene	12.628	142	1979555	45.975	ng		100
40) 1,2,4,5-Tetrachloroben...	12.780	216	1077155	43.806	ng		100
41) Hexachlorocyclopentadiene	12.757	237	1142381	84.639	ng		100
43) 2,4,6-Trichlorophenol	13.022	196	796912	50.049	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.092	196	859827	46.134	ng	98
46) 1,1'-Biphenyl	13.422	154	2846261	44.419	ng	99
47) 2-Chloronaphthalene	13.463	162	2178014	45.076	ng	99
48) 2-Nitroaniline	13.669	65	723989	46.854	ng	96
49) Acenaphthylene	14.310	152	3485609	45.288	ng	100
50) Dimethylphthalate	14.045	163	2732284	46.945	ng	100
51) 2,6-Dinitrotoluene	14.169	165	614320	47.727	ng	93
52) Acenaphthene	14.651	154	2068604	43.734	ng	98
53) 3-Nitroaniline	14.492	138	444958	30.182	ng	96
54) 2,4-Dinitrophenol	14.704	184	831131	110.244	ng	92
55) Dibenzofuran	14.980	168	3275260	44.250	ng	99
56) 4-Nitrophenol	14.816	139	1184221	102.450	ng	95
57) 2,4-Dinitrotoluene	14.951	165	836886	49.345	ng	99
58) Fluorene	15.633	166	2626956	45.308	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.210	232	736604	51.247	ng	97
60) Diethylphthalate	15.404	149	2803105	49.498	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	1313828	46.125	ng	99
62) 4-Nitroaniline	15.663	138	689529	45.130	ng	95
63) Azobenzene	15.916	77	2843639	47.456	ng	99
65) 4,6-Dinitro-2-methylph...	15.716	198	508999	48.649	ng	93
66) n-Nitrosodiphenylamine	15.839	169	2347441	43.806	ng	99
67) 4-Bromophenyl-phenylether	16.521	248	793525	46.218	ng	97
68) Hexachlorobenzene	16.633	284	887462	46.238	ng	99
69) Atrazine	16.798	200	796138	54.391	ng	97
70) Pentachlorophenol	16.980	266	1206788	85.487	ng	100
71) Phenanthrene	17.374	178	4022530	43.117	ng	100
72) Anthracene	17.463	178	4161020	44.725	ng	100
73) Carbazole	17.739	167	3885666	45.762	ng	99
74) Di-n-butylphthalate	18.298	149	4896210	47.304	ng	99
75) Fluoranthene	19.386	202	4388588	44.553	ng	99
77) Benzidine	19.574	184	2752391	83.322	ng	98
78) Pyrene	19.751	202	4668993	44.952	ng	100
80) Butylbenzylphthalate	20.645	149	2194523	49.573	ng	96
81) Benzo(a)anthracene	21.492	228	4529016	45.477	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	1311226	42.840	ng	100
83) Chrysene	21.551	228	4218823	43.556	ng	100
84) Bis(2-ethylhexyl)phtha...	21.415	149	3250734	50.757	ng	99
85) Di-n-octyl phthalate	22.345	149	5718763	53.495	ng	98
87) Indeno(1,2,3-cd)pyrene	26.456	276	4882531	42.336	ng	100
88) Benzo(b)fluoranthene	23.192	252	4512151	46.600	ng	99
89) Benzo(k)fluoranthene	23.245	252	4541129	45.065	ng	99
90) Benzo(a)pyrene	23.827	252	4014148	43.075	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	4088859	41.865	ng	99
92) Benzo(g,h,i)perylene	27.232	276	3894701	40.759	ng	100

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

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