Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011722\
Data File : BM033756.D
Acq On : 17 Jan 2022 19:14
Operator : CG/JU
Sample : PB142051BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB142051BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2022
Supervised By :Jagrut Upadhyay 01/18/2022

Quant Time: Jan 18 02:37:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:30:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	174547	20.000	ng		0.00
21) Naphthalene-d8	10.772	136	760105	20.000	ng		0.00
39) Acenaphthene-d10	14.595	164	504963	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	1029745	20.000	ng		0.00
76) Chrysene-d12	21.494	240	911850	20.000	ng		0.00
86) Perylene-d12	23.900	264	839910	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	1036169	99.749	ng		0.00
7) Phenol-d6	7.119	99	1337859	91.419	ng		0.00
23) Nitrobenzene-d5	9.119	82	1310025	84.816	ng		0.00
42) 2,4,6-Tribromophenol	16.077	330	585632	85.543	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	3042484	84.764	ng		0.00
79) Terphenyl-d14	19.942	244	4698625	85.450	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	137915	33.979	ng		92
3) Pyridine	3.748	79	353264	30.137	ng		93
4) n-Nitrosodimethylamine	3.654	42	238412	43.362	ng	#	67
6) Aniline	7.272	93	802152	47.219	ng		97
8) 2-Chlorophenol	7.519	128	584889	48.602	ng		88
9) Benzaldehyde	7.084	77	390807	53.615	ng		90
10) Phenol	7.142	94	727693	49.581	ng		93
11) bis(2-Chloroethyl)ether	7.372	93	523325	44.334	ng		92
12) 1,3-Dichlorobenzene	7.842	146	583071	43.801	ng		95
13) 1,4-Dichlorobenzene	7.989	146	599297	43.759	ng		97
14) 1,2-Dichlorobenzene	8.313	146	580002	43.429	ng		97
15) Benzyl Alcohol	8.195	79	569118	45.990	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.489	45	739323	45.254	ng		97
17) 2-Methylphenol	8.401	107	500364	46.930	ng		96
18) Hexachloroethane	9.048	117	229411	45.302	ng		95
19) n-Nitroso-di-n-propyla...	8.772	70	443451	42.295	ng	#	90
20) 3+4-Methylphenols	8.736	107	689576	46.289	ng		93
22) Acetophenone	8.783	105	893476	44.521	ng	#	92
24) Nitrobenzene	9.166	77	658064	45.279	ng		93
25) Isophorone	9.701	82	1183208	43.497	ng		97
26) 2-Nitrophenol	9.877	139	317611	45.241	ng	#	83
27) 2,4-Dimethylphenol	9.942	122	563969	52.611	ng		95
28) bis(2-Chloroethoxy)met...	10.177	93	731208	42.189	ng		97
29) 2,4-Dichlorophenol	10.419	162	572593	46.717	ng		99
30) 1,2,4-Trichlorobenzene	10.636	180	571850	43.120	ng		99
31) Naphthalene	10.819	128	1798077	43.822	ng		99
32) Benzoic acid	10.101	122	401406	46.661	ng		88
33) 4-Chloroaniline	10.925	127	636169	37.259	ng	#	93
34) Hexachlorobutadiene	11.113	225	368326	42.382	ng		96
35) Caprolactam	11.719	113	187600m	42.981	ng		
36) 4-Chloro-3-methylphenol	12.054	107	685620	45.417	ng		98
37) 2-Methylnaphthalene	12.430	142	1326937	45.142	ng		99
38) 1-Methylnaphthalene	12.648	142	1228837	42.827	ng		100
40) 1,2,4,5-Tetrachloroben...	12.801	216	670822	45.909	ng		100
41) Hexachlorocyclopentadiene	12.783	237	961855	106.951	ng		99
43) 2,4,6-Trichlorophenol	13.030	196	465101	44.578	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.107	196	511735	45.546	ng		96
46) 1,1'-Biphenyl	13.436	154	1735003	45.399	ng		98
47) 2-Chloronaphthalene	13.477	162	1296585	44.462	ng		99
48) 2-Nitroaniline	13.671	65	439590	46.091	ng	#	84
49) Acenaphthylene	14.318	152	2107981	44.862	ng		99
50) Dimethylphthalate	14.054	163	1732273	43.540	ng		98
51) 2,6-Dinitrotoluene	14.165	165	371541	46.279	ng		89
52) Acenaphthene	14.660	154	1554738m	49.498	ng		
53) 3-Nitroaniline	14.489	138	319684	36.412	ng		91
54) 2,4-Dinitrophenol	14.695	184	432784	89.057	ng		89
55) Dibenzofuran	14.989	168	2016340	42.960	ng		97
56) 4-Nitrophenol	14.807	139	662678	91.981	ng	#	82
57) 2,4-Dinitrotoluene	14.948	165	526179	47.107	ng		84
58) Fluorene	15.636	166	1611437	43.560	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.212	232	444219	43.355	ng		99
60) Diethylphthalate	15.412	149	1828097	43.823	ng		99
61) 4-Chlorophenyl-phenyle...	15.630	204	825420	42.679	ng		97
62) 4-Nitroaniline	15.654	138	399705	43.348	ng		89
63) Azobenzene	15.924	77	1690530	44.076	ng		93
65) 4,6-Dinitro-2-methylph...	15.712	198	276235	40.956	ng		83
66) n-Nitrosodiphenylamine	15.842	169	1449722	45.236	ng		99
67) 4-Bromophenyl-phenylether	16.518	248	509303	43.531	ng		95
68) Hexachlorobenzene	16.642	284	574124	44.951	ng		96
69) Atrazine	16.789	200	542165	45.161	ng		100
70) Pentachlorophenol	16.983	266	755047	91.981	ng		99
71) Phenanthrene	17.371	178	2560677	44.669	ng		99
72) Anthracene	17.459	178	2628401	46.620	ng		99
73) Carbazole	17.730	167	2345935	42.634	ng		100
74) Di-n-butylphthalate	18.295	149	3101276	44.718	ng		100
75) Fluoranthene	19.377	202	2884923	44.944	ng		100
77) Benzidine	19.559	184	1948126	84.208	ng		100
78) Pyrene	19.742	202	2922940	43.388	ng		99
80) Butylbenzylphthalate	20.630	149	1353167	43.627	ng		95
81) Benzo(a)anthracene	21.477	228	2663928	44.140	ng		98
82) 3,3'-Dichlorobenzidine	21.406	252	842236	39.026	ng		99
83) Chrysene	21.530	228	2594697	45.010	ng		100
84) Bis(2-ethylhexyl)phtha...	21.406	149	1999483	44.613	ng		99
85) Di-n-octyl phthalate	22.336	149	3406489	47.302	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.429	276	2511727	44.980	ng		99
88) Benzo(b)fluoranthene	23.171	252	2571672	47.963	ng		99
89) Benzo(k)fluoranthene	23.218	252	2439772	45.436	ng		99
90) Benzo(a)pyrene	23.800	252	2371248	54.102	ng		99
91) Dibenzo(a,h)anthracene	26.447	278	2186895	46.362	ng		96
92) Benzo(g,h,i)perylene	27.206	276	2061361	45.924	ng		98

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

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