Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032669.D
Acq On : 22 Oct 2021 11:16
Operator : CG/JU
Sample : PB139974BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 23 01:24:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 23 01:22:28 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB139974BS

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.543	152	256922	20.000	ng		0.00
21) Naphthalene-d8	10.331	136	1045336	20.000	ng	#	0.00
39) Acenaphthene-d10	14.207	164	643785	20.000	ng		0.00
64) Phenanthrene-d10	16.942	188	1214747	20.000	ng	#	0.00
76) Chrysene-d12	21.118	240	851439	20.000	ng	#	0.00
86) Perylene-d12	23.254	264	715188	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.131	112	1421742	93.238	ng		0.00
7) Phenol-d6	6.749	99	1797379	86.195	ng		0.00
23) Nitrobenzene-d5	8.702	82	1702657	90.591	ng		0.00
42) 2,4,6-Tribromophenol	15.695	330	548524	76.108	ng		0.00
45) 2-Fluorobiphenyl	12.819	172	3551447	82.021	ng		0.00
79) Terphenyl-d14	19.566	244	4211503	104.172	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.943	88	206517	31.825	ng		89
3) Pyridine	3.355	79	506713	28.857	ng		92
4) n-Nitrosodimethylamine	3.267	42	300969	42.738	ng	#	64
6) Aniline	6.872	93	1020370	44.285	ng		91
8) 2-Chlorophenol	7.119	128	792155	47.664	ng		93
9) Benzaldehyde	6.672	77	470826	38.686	ng		87
10) Phenol	6.778	94	971209	48.372	ng		82
11) bis(2-Chloroethyl)ether	6.966	93	724973	45.403	ng		95
12) 1,3-Dichlorobenzene	7.437	146	808825	43.175	ng	#	91
13) 1,4-Dichlorobenzene	7.578	146	832849	43.684	ng		98
14) 1,2-Dichlorobenzene	7.902	146	801114	43.775	ng		96
15) Benzyl Alcohol	7.796	79	663922	46.488	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.084	45	981895	48.537	ng		97
17) 2-Methylphenol	8.013	107	656144	48.359	ng	#	90
18) Hexachloroethane	8.625	117	302455	46.597	ng		91
19) n-Nitroso-di-n-propyla...	8.360	70	534022	47.103	ng	#	84
20) 3+4-Methylphenols	8.343	107	856527	46.792	ng		96
22) Acetophenone	8.366	105	1114906	44.255	ng	#	89
24) Nitrobenzene	8.743	77	842199	46.460	ng	#	88
25) Isophorone	9.266	82	1459996	46.749	ng		96
26) 2-Nitrophenol	9.454	139	413019	48.968	ng	#	73
27) 2,4-Dimethylphenol	9.537	122	724761	50.935	ng		94
28) bis(2-Chloroethoxy)met...	9.749	93	955424	42.547	ng		98
29) 2,4-Dichlorophenol	9.996	162	737465	46.533	ng		96
30) 1,2,4-Trichlorobenzene	10.201	180	774714	43.095	ng		98
31) Naphthalene	10.378	128	2364551	44.083	ng		99
32) Benzoic acid	9.725	122	489893	45.818	ng	#	82
33) 4-Chloroaniline	10.496	127	812601	36.701	ng	#	93
34) Hexachlorobutadiene	10.684	225	456876	42.533	ng		98
35) Caprolactam	11.272	113	226503	46.636	ng	#	83
36) 4-Chloro-3-methylphenol	11.648	107	776257	45.496	ng		96
37) 2-Methylnaphthalene	12.001	142	1668296m	45.765	ng		
38) 1-Methylnaphthalene	12.225	142	1548165	43.461	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.390	216	778822	41.998	ng		97
41) Hexachlorocyclopentadiene	12.378	237	915085	103.513	ng		98
43) 2,4,6-Trichlorophenol	12.631	196	571439	44.535	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.707	196	620583	44.994	ng	#	91
46) 1,1'-Biphenyl	13.031	154	2003607	42.175	ng		100
47) 2-Chloronaphthalene	13.066	162	1597268	43.842	ng		98
48) 2-Nitroaniline	13.278	65	487617	49.230	ng	#	81
49) Acenaphthylene	13.925	152	2542207	44.944	ng		99
50) Dimethylphthalate	13.666	163	1973912	43.419	ng		99
51) 2,6-Dinitrotoluene	13.778	165	439927	47.772	ng	#	65
52) Acenaphthene	14.272	154	1782338m	47.765	ng		
53) 3-Nitroaniline	14.113	138	404811	39.119	ng		83
54) 2,4-Dinitrophenol	14.319	184	473879	92.736	ng	#	61
55) Dibenzofuran	14.607	168	2364272	41.623	ng		92
56) 4-Nitrophenol	14.448	139	767344	89.922	ng	#	69
57) 2,4-Dinitrotoluene	14.572	165	592444	48.804	ng	#	61
58) Fluorene	15.254	166	1761449	40.775	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.842	232	501224	42.182	ng	#	84
60) Diethylphthalate	15.036	149	1957677	43.864	ng		95
61) 4-Chlorophenyl-phenyle...	15.248	204	878996	39.279	ng		92
62) 4-Nitroaniline	15.284	138	448910	43.467	ng	#	69
63) Azobenzene	15.542	77	1875501	44.144	ng		85
65) 4,6-Dinitro-2-methylph...	15.342	198	301675	44.122	ng	#	73
66) n-Nitrosodiphenylamine	15.466	169	1636336	45.622	ng		98
67) 4-Bromophenyl-phenylether	16.136	248	554364	43.847	ng		92
68) Hexachlorobenzene	16.272	284	606747	43.596	ng	#	84
69) Atrazine	16.413	200	573458	46.947	ng		95
70) Pentachlorophenol	16.613	266	737846	85.896	ng		98
71) Phenanthrene	16.983	178	2797250	43.873	ng		100
72) Anthracene	17.072	178	2850907	45.761	ng		99
73) Carbazole	17.342	167	2562637	41.422	ng		98
74) Di-n-butylphthalate	17.901	149	3196732	48.098	ng	#	97
75) Fluoranthene	18.995	202	2940491	41.590	ng		96
77) Benzidine	19.177	184	1605525	75.909	ng		98
78) Pyrene	19.360	202	2988063	51.754	ng		99
80) Butylbenzylphthalate	20.254	149	1282579	58.486	ng		93
81) Benzo(a)anthracene	21.101	228	2369044	44.514	ng		98
82) 3,3'-Dichlorobenzidine	21.042	252	725768	43.291	ng		99
83) Chrysene	21.154	228	2310497	44.877	ng		100
84) Bis(2-ethylhexyl)phtha...	21.030	149	1737952	58.779	ng		96
85) Di-n-octyl phthalate	21.877	149	2900658	58.501	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.365	276	2227868	50.552	ng	#	95
88) Benzo(b)fluoranthene	22.618	252	2173309	49.955	ng		98
89) Benzo(k)fluoranthene	22.660	252	2033457	47.846	ng		98
90) Benzo(a)pyrene	23.159	252	2014975	57.113	ng		98
91) Dibenzo(a,h)anthracene	25.371	278	1910980	51.433	ng	#	95
92) Benzo(g,h,i)perylene	26.012	276	1954714	53.216	ng	#	94

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

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