Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061421\
Data File : BM030436.D
Acq On : 14 Jun 2021 14:35
Operator : CG/JU
Sample : PB137041BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB137041BS

Quant Time: Jun 14 15:18:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 11 14:10:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	222107	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	901027	20.000	ng	#	0.00
39) Acenaphthene-d10	14.457	164	552944	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1042940	20.000	ng		0.00
76) Chrysene-d12	21.356	240	809253	20.000	ng		0.00
86) Perylene-d12	23.633	264	695763	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1906821	139.565	ng		0.00
7) Phenol-d6	7.004	99	2401074	121.399	ng		0.00
23) Nitrobenzene-d5	8.992	82	1492041	80.673	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	878292	126.336	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	3412964	81.170	ng		0.00
79) Terphenyl-d14	19.804	244	4069881	88.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	206611	34.981	ng		88
3) Pyridine	3.740	79	477782	31.689	ng	#	83
4) n-Nitrosodimethylamine	3.646	42	321839	42.049	ng		87
6) Aniline	7.163	93	729032	32.300	ng		96
8) 2-Chlorophenol	7.398	128	706490	44.058	ng		98
9) Benzaldehyde	6.975	77	180018	21.791	ng		98
10) Phenol	7.028	94	894929	44.790	ng		93
11) bis(2-Chloroethyl)ether	7.257	93	662973	42.113	ng		94
12) 1,3-Dichlorobenzene	7.722	146	745450	42.194	ng		99
13) 1,4-Dichlorobenzene	7.869	146	770237	42.781	ng		99
14) 1,2-Dichlorobenzene	8.187	146	738570	42.170	ng		100
15) Benzyl Alcohol	8.075	79	590272	42.526	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.357	45	1026218	40.510	ng		89
17) 2-Methylphenol	8.269	107	577456	44.598	ng		94
18) Hexachloroethane	8.910	117	279773	43.236	ng		97
19) n-Nitroso-di-n-propyla...	8.640	70	509637	38.809	ng		99
20) 3+4-Methylphenols	8.598	107	778472	44.190	ng		97
22) Acetophenone	8.651	105	1022511	42.474	ng		98
24) Nitrobenzene	9.028	77	758076	39.293	ng		98
25) Isophorone	9.557	82	1292245	36.455	ng		99
26) 2-Nitrophenol	9.739	139	354575	42.380	ng		97
27) 2,4-Dimethylphenol	9.798	122	644849	46.997	ng		97
28) bis(2-Chloroethoxy)met...	10.034	93	855368	42.441	ng		99
29) 2,4-Dichlorophenol	10.269	162	665604	43.273	ng		97
30) 1,2,4-Trichlorobenzene	10.486	180	723558	41.211	ng		98
31) Naphthalene	10.669	128	2069454	39.428	ng		99
32) Benzoic acid	9.951	122	376968	36.695	ng		92
33) 4-Chloroaniline	10.781	127	302392	14.157	ng		98
34) Hexachlorobutadiene	10.957	225	431499	41.171	ng		97
35) Caprolactam	11.575	113	178173	35.414	ng	#	80
36) 4-Chloro-3-methylphenol	11.898	107	652483	40.497	ng		95
37) 2-Methylnaphthalene	12.281	142	1523871	39.570	ng		97
38) 1-Methylnaphthalene	12.498	142	1398898	38.138	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	818981	45.951	ng		99
41) Hexachlorocyclopentadiene	12.633	237	1106629	113.241	ng		99
43) 2,4,6-Trichlorophenol	12.886	196	533407	44.269	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	581980	44.034	ng	98
46) 1,1'-Biphenyl	13.292	154	1927699	43.050	ng	99
47) 2-Chloronaphthalene	13.333	162	1497216	41.366	ng	98
48) 2-Nitroaniline	13.533	65	413754	38.394	ng	98
49) Acenaphthylene	14.180	152	2318106	41.808	ng	99
50) Dimethylphthalate	13.916	163	1749300	39.752	ng	99
51) 2,6-Dinitrotoluene	14.033	165	386393	39.832	ng	96
52) Acenaphthene	14.522	154	1380774	38.986	ng	98
53) 3-Nitroaniline	14.363	138	218344	22.466	ng	95
54) 2,4-Dinitrophenol	14.569	184	444682	68.524	ng	90
55) Dibenzofuran	14.857	168	2173359	38.566	ng	99
56) 4-Nitrophenol	14.669	139	648650	78.747	ng	94
57) 2,4-Dinitrotoluene	14.816	165	514714	38.190	ng	98
58) Fluorene	15.504	166	1836444	39.500	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.080	232	479856	41.949	ng	97
60) Diethylphthalate	15.274	149	1718811	39.073	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	914785	39.924	ng	97
62) 4-Nitroaniline	15.521	138	375390	34.242	ng	88
63) Azobenzene	15.786	77	1665292	37.480	ng	98
65) 4,6-Dinitro-2-methylph...	15.580	198	269904	39.562	ng	95
66) n-Nitrosodiphenylamine	15.710	169	1529747	42.177	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	536951	44.180	ng	98
68) Hexachlorobenzene	16.504	284	599590	43.508	ng	98
69) Atrazine	16.657	200	506874	52.182	ng	95
70) Pentachlorophenol	16.845	266	757097	93.863	ng	98
71) Phenanthrene	17.233	178	2628535	40.053	ng	100
72) Anthracene	17.327	178	2656893	41.696	ng	99
73) Carbazole	17.592	167	2298503	37.825	ng	100
74) Di-n-butylphthalate	18.157	149	2621974	41.387	ng	99
75) Fluoranthene	19.245	202	2749240	36.907	ng	98
77) Benzidine	19.427	184	986265	68.880	ng	99
78) Pyrene	19.604	202	2829706	46.146	ng	99
80) Butylbenzylphthalate	20.498	149	951675	38.408	ng	96
81) Benzo(a)anthracene	21.339	228	2386749	40.523	ng	99
82) 3,3'-Dichlorobenzidine	21.274	252	536826	30.108	ng	98
83) Chrysene	21.392	228	2305934	40.286	ng	99
84) Bis(2-ethylhexyl)phtha...	21.268	149	1307518	35.444	ng	98
85) Di-n-octyl phthalate	22.150	149	1966805	34.672	ng	99
87) Indeno(1,2,3-cd)pyrene	25.944	276	2563784	48.446	ng	98
88) Benzo(b)fluoranthene	22.945	252	2215984	42.081	ng	99
89) Benzo(k)fluoranthene	22.992	252	2120094	41.222	ng	98
90) Benzo(a)pyrene	23.533	252	2080070	44.669	ng	99
91) Dibenzo(a,h)anthracene	25.956	278	2171667	47.596	ng	99
92) Benzo(g,h,i)perylene	26.650	276	2191810	50.503	ng	98

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

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