Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
Data File : BM032869.D
Acq On : 04 Nov 2021 11:21
Operator : CG/JU
Sample : PB140471BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB140471BS

Quant Time: Nov 04 14:29:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.490	152	115731	20.000	ng		0.00
21) Naphthalene-d8	10.272	136	521723	20.000	ng	#	0.00
39) Acenaphthene-d10	14.154	164	353754	20.000	ng		0.00
64) Phenanthrene-d10	16.889	188	740684	20.000	ng	#	0.00
76) Chrysene-d12	21.071	240	727905	20.000	ng		0.00
86) Perylene-d12	23.183	264	770907	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.078	112	900798	135.698	ng		0.00
7) Phenol-d6	6.696	99	1197777	121.163	ng		0.00
23) Nitrobenzene-d5	8.643	82	768032	80.573	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	466768	117.817	ng		0.00
45) 2-Fluorobiphenyl	12.766	172	1776054	77.869	ng		0.00
79) Terphenyl-d14	19.518	244	2706375	81.174	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.908	88	84234	32.127	ng	#	87
3) Pyridine	3.320	79	219641	28.241	ng		88
4) n-Nitrosodimethylamine	3.231	42	141975	43.017	ng	#	69
6) Aniline	6.819	93	505538	45.801	ng		93
8) 2-Chlorophenol	7.060	128	354775	45.868	ng		94
9) Benzaldehyde	6.625	77	215960	38.707	ng		88
10) Phenol	6.725	94	449189	47.341	ng		86
11) bis(2-Chloroethyl)ether	6.919	93	323456	43.176	ng		95
12) 1,3-Dichlorobenzene	7.378	146	357062	41.781	ng	#	92
13) 1,4-Dichlorobenzene	7.525	146	368776	42.121	ng		97
14) 1,2-Dichlorobenzene	7.843	146	364591	42.318	ng		97
15) Benzyl Alcohol	7.737	79	331434	47.101	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.025	45	465312	43.212	ng		98
17) 2-Methylphenol	7.960	107	308550	46.292	ng	#	92
18) Hexachloroethane	8.566	117	134566	43.467	ng		92
19) n-Nitroso-di-n-propyla...	8.302	70	259474	42.869	ng	#	87
20) 3+4-Methylphenols	8.290	107	411251	45.080	ng		95
22) Acetophenone	8.313	105	537060	42.142	ng	#	90
24) Nitrobenzene	8.684	77	400451	43.846	ng		90
25) Isophorone	9.207	82	716201	42.520	ng		97
26) 2-Nitrophenol	9.396	139	195391	45.827	ng	#	76
27) 2,4-Dimethylphenol	9.478	122	350133	49.908	ng		95
28) bis(2-Chloroethoxy)met...	9.696	93	453740	40.318	ng		100
29) 2,4-Dichlorophenol	9.937	162	359739	44.712	ng		97
30) 1,2,4-Trichlorobenzene	10.143	180	363363	40.635	ng		97
31) Naphthalene	10.319	128	1133199	41.845	ng		100
32) Benzoic acid	9.666	122	236581	41.700	ng	#	84
33) 4-Chloroaniline	10.437	127	465470	41.162	ng		95
34) Hexachlorobutadiene	10.625	225	217997	40.103	ng		97
35) Caprolactam	11.213	113	124655	46.204	ng	#	85
36) 4-Chloro-3-methylphenol	11.590	107	408210	44.352	ng		97
37) 2-Methylnaphthalene	11.942	142	829143	43.563	ng		95
38) 1-Methylnaphthalene	12.166	142	769650	40.885	ng		98
40) 1,2,4,5-Tetrachloroben...	12.331	216	395452	40.436	ng		97
41) Hexachlorocyclopentadiene	12.319	237	518326	100.921	ng		97
43) 2,4,6-Trichlorophenol	12.578	196	298012	43.545	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.654	196	327790	43.340	ng	#	91
46) 1,1'-Biphenyl	12.978	154	1031089	40.334	ng		99
47) 2-Chloronaphthalene	13.013	162	826567	42.115	ng		98
48) 2-Nitroaniline	13.225	65	274029	47.519	ng	#	82
49) Acenaphthylene	13.866	152	1366769	43.404	ng		99
50) Dimethylphthalate	13.613	163	1078994	41.920	ng		99
51) 2,6-Dinitrotoluene	13.725	165	240203	45.657	ng	#	69
52) Acenaphthene	14.213	154	789589	42.095	ng		98
53) 3-Nitroaniline	14.060	138	253004	44.188	ng		89
54) 2,4-Dinitrophenol	14.266	184	305608	84.539	ng	#	69
55) Dibenzofuran	14.554	168	1289857	40.962	ng		93
56) 4-Nitrophenol	14.401	139	452304	96.947	ng	#	69
57) 2,4-Dinitrotoluene	14.519	165	340588	47.791	ng	#	64
58) Fluorene	15.201	166	1003989	42.528	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.789	232	287036	42.335	ng	#	85
60) Diethylphthalate	14.983	149	1080524	41.878	ng		96
61) 4-Chlorophenyl-phenyle...	15.195	204	493036	39.501	ng		94
62) 4-Nitroaniline	15.230	138	277658	46.133	ng	#	76
63) Azobenzene	15.489	77	1048859	42.487	ng		87
65) 4,6-Dinitro-2-methylph...	15.289	198	192957	41.327	ng	#	79
66) n-Nitrosodiphenylamine	15.413	169	924092	42.559	ng		96
67) 4-Bromophenyl-phenylether	16.083	248	307879	40.447	ng		95
68) Hexachlorobenzene	16.219	284	352510	42.252	ng	#	84
69) Atrazine	16.366	200	338004	46.366	ng		95
70) Pentachlorophenol	16.560	266	462176	88.526	ng		98
71) Phenanthrene	16.930	178	1672815	42.593	ng		100
72) Anthracene	17.019	178	1719114	44.348	ng		99
73) Carbazole	17.289	167	1623880	42.038	ng		98
74) Di-n-butylphthalate	17.854	149	1854428	43.776	ng	#	98
75) Fluoranthene	18.948	202	1981311	43.971	ng		98
77) Benzidine	19.136	184	1768890	88.673	ng		99
78) Pyrene	19.313	202	2050273	42.043	ng		99
80) Butylbenzylphthalate	20.213	149	859560	43.853	ng		91
81) Benzo(a)anthracene	21.054	228	1957262	42.146	ng		99
82) 3,3'-Dichlorobenzidine	20.995	252	670873	46.014	ng		99
83) Chrysene	21.112	228	1934908	42.410	ng		100
84) Bis(2-ethylhexyl)phtha...	20.989	149	1137243	43.495	ng		95
85) Di-n-octyl phthalate	21.830	149	2195882	47.092	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.271	276	2205100	46.281	ng		96
88) Benzo(b)fluoranthene	22.559	252	2156532	45.946	ng		98
89) Benzo(k)fluoranthene	22.601	252	1959611	42.830	ng		98
90) Benzo(a)pyrene	23.095	252	2045398	52.742	ng		99
91) Dibenzo(a,h)anthracene	25.271	278	1867110	47.060	ng	#	96
92) Benzo(g,h,i)perylene	25.906	276	1927073	48.833	ng	#	95

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

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