Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039249.D
Acq On : 31 Mar 2023 12:20
Operator : CG/JU
Sample : PB151721BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB151721BS

Quant Time: Mar 31 17:13:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 17:03:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	240528	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	932055	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	502830	20.000	ng		0.00
64) Phenanthrene-d10	17.309	188	946322	20.000	ng		0.00
76) Chrysene-d12	21.497	240	717284	20.000	ng		0.00
86) Perylene-d12	23.903	264	743370	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1721717	107.844	ng		0.00
7) Phenol-d6	7.092	99	2157555	104.485	ng		0.00
23) Nitrobenzene-d5	9.086	82	1293158	67.432	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	617810	96.791	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	2604418	70.178	ng		0.00
79) Terphenyl-d14	19.933	244	2929452	75.456	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	264057	40.465	ng		99
3) Pyridine	3.757	79	648782	35.489	ng		99
4) n-Nitrosodimethylamine	3.663	42	294628	41.036	ng		100
6) Aniline	7.245	93	946956	37.052	ng		100
8) 2-Chlorophenol	7.481	128	726435	44.457	ng		98
9) Benzaldehyde	7.057	77	452099	38.445	ng		98
10) Phenol	7.116	94	927635	44.827	ng		100
11) bis(2-Chloroethyl)ether	7.345	93	711788	42.756	ng		99
12) 1,3-Dichlorobenzene	7.804	146	761761	43.958	ng		99
13) 1,4-Dichlorobenzene	7.951	146	776757	44.330	ng		98
14) 1,2-Dichlorobenzene	8.275	146	736690	43.968	ng		99
15) Benzyl Alcohol	8.163	79	598455	42.137	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	916855	43.058	ng		99
17) 2-Methylphenol	8.369	107	586407	40.503	ng		99
18) Hexachloroethane	8.998	117	297736	43.927	ng		98
19) n-Nitroso-di-n-propyla...	8.733	70	534287	40.476	ng		100
20) 3+4-Methylphenols	8.698	107	796873	40.960	ng		98
22) Acetophenone	8.751	105	1071146	42.982	ng	#	99
24) Nitrobenzene	9.133	77	795158	41.687	ng		100
25) Isophorone	9.657	82	1432413	40.038	ng		100
26) 2-Nitrophenol	9.845	139	380414	43.143	ng		97
27) 2,4-Dimethylphenol	9.904	122	648677	44.277	ng		100
28) bis(2-Chloroethoxy)met...	10.139	93	910087	42.023	ng		100
29) 2,4-Dichlorophenol	10.380	162	622568	43.554	ng		99
30) 1,2,4-Trichlorobenzene	10.592	180	663191	43.368	ng		99
31) Naphthalene	10.780	128	2105973	41.933	ng		100
32) Benzoic acid	10.057	122	447744	39.212	ng		99
33) 4-Chloroaniline	10.898	127	371690	16.893	ng		99
34) Hexachlorobutadiene	11.063	225	382776	42.568	ng		98
35) Caprolactam	11.686	113	185514	37.378	ng		99
36) 4-Chloro-3-methylphenol	12.022	107	641787	40.694	ng		99
37) 2-Methylnaphthalene	12.392	142	1385225	39.621	ng		99
38) 1-Methylnaphthalene	12.610	142	1286095	39.286	ng		100
40) 1,2,4,5-Tetrachloroben...	12.757	216	697636	45.569	ng		99
41) Hexachlorocyclopentadiene	12.733	237	973334	116.376	ng		98
43) 2,4,6-Trichlorophenol	12.998	196	463612	44.404	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	492490	40.237	ng	98
46) 1,1'-Biphenyl	13.398	154	1773659	44.668	ng	99
47) 2-Chloronaphthalene	13.445	162	1341911	44.633	ng	98
48) 2-Nitroaniline	13.651	65	407302	40.257	ng	99
49) Acenaphthylene	14.286	152	2069069	41.873	ng	100
50) Dimethylphthalate	14.027	163	1548135	39.950	ng	100
51) 2,6-Dinitrotoluene	14.145	165	339727	40.767	ng	95
52) Acenaphthene	14.627	154	1221621	41.868	ng	99
53) 3-Nitroaniline	14.474	138	225489	23.406	ng	96
54) 2,4-Dinitrophenol	14.686	184	421968	85.503	ng	96
55) Dibenzofuran	14.962	168	1928304	41.050	ng	99
56) 4-Nitrophenol	14.792	139	620670	83.549	ng	99
57) 2,4-Dinitrotoluene	14.933	165	450751	39.985	ng	94
58) Fluorene	15.610	166	1503799	40.428	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	402090	41.294	ng	100
60) Diethylphthalate	15.386	149	1509472	38.700	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	744245	40.372	ng	98
62) 4-Nitroaniline	15.639	138	353511	35.758	ng	98
63) Azobenzene	15.898	77	1570205	40.181	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	252473	40.554	ng	95
66) n-Nitrosodiphenylamine	15.821	169	1276250	42.798	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	431811	42.727	ng	97
68) Hexachlorobenzene	16.615	284	491809	44.881	ng	98
69) Atrazine	16.774	200	404692	42.848	ng	99
70) Pentachlorophenol	16.962	266	620506	78.926	ng	99
71) Phenanthrene	17.356	178	2163773	41.749	ng	100
72) Anthracene	17.445	178	2186050	41.365	ng	99
73) Carbazole	17.721	167	2007805	40.658	ng	99
74) Di-n-butylphthalate	18.280	149	2424674	39.693	ng	99
75) Fluoranthene	19.368	202	2266023	38.355	ng	100
77) Benzidine	19.556	184	1300659	68.747	ng	100
78) Pyrene	19.733	202	2377269	46.556	ng	100
80) Butylbenzylphthalate	20.627	149	979628	41.876	ng	95
81) Benzo(a)anthracene	21.480	228	2113668	41.783	ng	99
82) 3,3'-Dichlorobenzidine	21.415	252	549481	32.607	ng	99
83) Chrysene	21.533	228	1969847	40.336	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	1388983	40.202	ng	100
85) Di-n-octyl phthalate	22.333	149	2297922	36.916	ng	100
87) Indeno(1,2,3-cd)pyrene	26.409	276	2226823	40.657	ng	100
88) Benzo(b)fluoranthene	23.174	252	2036371	44.770	ng	99
89) Benzo(k)fluoranthene	23.221	252	1927217	41.596	ng	99
90) Benzo(a)pyrene	23.797	252	1753271	39.238	ng	100
91) Dibenzo(a,h)anthracene	26.426	278	1880201	40.882	ng	99
92) Benzo(g,h,i)perylene	27.185	276	1815379	40.138	ng	99

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

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