Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022522\
Data File : BM034078.D
Acq On : 25 Feb 2022 15:20
Operator : CG/JU
Sample : PB142933BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB142933BS

Quant Time: Feb 26 04:01:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 26 03:45:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.007	152	143299	20.000	ng		0.00
21) Naphthalene-d8	10.825	136	545584	20.000	ng	#	0.00
39) Acenaphthene-d10	14.642	164	356834	20.000	ng		0.00
64) Phenanthrene-d10	17.377	188	717126	20.000	ng	#	0.00
76) Chrysene-d12	21.553	240	699844	20.000	ng	#	0.00
86) Perylene-d12	24.000	264	737596	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.554	112	983246	122.314	ng		0.00
7) Phenol-d6	7.160	99	1166339	110.491	ng		0.00
23) Nitrobenzene-d5	9.166	82	777191	76.874	ng		0.00
42) 2,4,6-Tribromophenol	16.124	330	600761	138.718	ng		0.00
45) 2-Fluorobiphenyl	13.271	172	2233988	83.410	ng		0.00
79) Terphenyl-d14	19.995	244	3254696	80.983	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.419	88	94492	30.573	ng		85
3) Pyridine	3.819	79	243201	28.010	ng		88
4) n-Nitrosodimethylamine	3.725	42	182889	42.110	ng		92
6) Aniline	7.325	93	355527	30.480	ng		92
8) 2-Chlorophenol	7.566	128	383837	42.681	ng	#	80
9) Benzaldehyde	7.131	77	194665	32.850	ng		84
10) Phenol	7.184	94	418264	40.284	ng		97
11) bis(2-Chloroethyl)ether	7.419	93	303613	36.648	ng		88
12) 1,3-Dichlorobenzene	7.895	146	436850	41.325	ng	#	93
13) 1,4-Dichlorobenzene	8.042	146	445138	41.198	ng		94
14) 1,2-Dichlorobenzene	8.360	146	427435	40.533	ng		96
15) Benzyl Alcohol	8.242	79	323111	39.695	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.542	45	341910	31.039	ng		90
17) 2-Methylphenol	8.448	107	296136	40.493	ng		96
18) Hexachloroethane	9.101	117	153909	41.621	ng	#	83
19) n-Nitroso-di-n-propyla...	8.819	70	246269	36.094	ng	#	93
20) 3+4-Methylphenols	8.772	107	392308	38.850	ng		96
22) Acetophenone	8.831	105	532319	40.394	ng	#	92
24) Nitrobenzene	9.213	77	386372	41.051	ng	#	88
25) Isophorone	9.742	82	655784	40.186	ng	#	90
26) 2-Nitrophenol	9.925	139	204769	46.175	ng	#	82
27) 2,4-Dimethylphenol	9.983	122	344857	48.133	ng		94
28) bis(2-Chloroethoxy)met...	10.225	93	405068	36.709	ng	#	98
29) 2,4-Dichlorophenol	10.466	162	399721	45.122	ng		94
30) 1,2,4-Trichlorobenzene	10.683	180	454247	43.679	ng		98
31) Naphthalene	10.872	128	1165304	41.573	ng		99
32) Benzoic acid	10.107	122	232815	42.906	ng	#	80
33) 4-Chloroaniline	10.972	127	162965	14.199	ng	#	90
34) Hexachlorobutadiene	11.172	225	298350	45.152	ng		98
35) Caprolactam	11.742	113	95793	53.643	ng	#	60
36) 4-Chloro-3-methylphenol	12.095	107	360205	41.295	ng	#	82
37) 2-Methylnaphthalene	12.477	142	871103	42.596	ng		98
38) 1-Methylnaphthalene	12.695	142	826757	41.463	ng		97
40) 1,2,4,5-Tetrachloroben...	12.848	216	535064	46.901	ng		98
41) Hexachlorocyclopentadiene	12.836	237	758353	113.795	ng		100
43) 2,4,6-Trichlorophenol	13.077	196	339969	47.125	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.148	196	367697	50.172	ng	#	89
46) 1,1'-Biphenyl	13.483	154	1181141	43.323	ng		96
47) 2-Chloronaphthalene	13.524	162	917380	43.093	ng		95
48) 2-Nitroaniline	13.713	65	213376	42.205	ng	#	74
49) Acenaphthylene	14.365	152	1426808	44.721	ng		99
50) Dimethylphthalate	14.095	163	1105115	41.773	ng		99
51) 2,6-Dinitrotoluene	14.207	165	238095	45.483	ng	#	83
52) Acenaphthene	14.707	154	1018530	48.314	ng		99
53) 3-Nitroaniline	14.530	138	111891	21.370	ng		79
54) 2,4-Dinitrophenol	14.736	184	294336	99.899	ng	#	79
55) Dibenzofuran	15.036	168	1371778	41.658	ng		99
56) 4-Nitrophenol	14.836	139	376826	89.038	ng	#	82
57) 2,4-Dinitrotoluene	14.989	165	320935	47.145	ng	#	77
58) Fluorene	15.683	166	1143197	43.186	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.260	232	317255	44.194	ng		89
60) Diethylphthalate	15.460	149	1090401	41.219	ng		99
61) 4-Chlorophenyl-phenyle...	15.677	204	606244	42.766	ng		95
62) 4-Nitroaniline	15.689	138	219590	40.411	ng		89
63) Azobenzene	15.971	77	896738	39.023	ng		92
65) 4,6-Dinitro-2-methylph...	15.754	198	179740	42.761	ng	#	67
66) n-Nitrosodiphenylamine	15.889	169	963375	42.910	ng		98
67) 4-Bromophenyl-phenylether	16.571	248	364648	45.012	ng		93
68) Hexachlorobenzene	16.689	284	428697	45.928	ng	#	91
69) Atrazine	16.836	200	353663	47.620	ng		97
70) Pentachlorophenol	17.030	266	539747	95.717	ng		97
71) Phenanthrene	17.424	178	1726747	43.409	ng		100
72) Anthracene	17.512	178	1753913	45.308	ng		99
73) Carbazole	17.777	167	1501336	41.190	ng		99
74) Di-n-butylphthalate	18.348	149	1727798	41.672	ng		100
75) Fluoranthene	19.430	202	1950783	44.637	ng		96
77) Benzidine	19.606	184	758469	58.195	ng		100
78) Pyrene	19.795	202	1992521	41.456	ng		99
80) Butylbenzylphthalate	20.689	149	719816	39.328	ng		86
81) Benzo(a)anthracene	21.536	228	1976182	43.398	ng		99
82) 3,3'-Dichlorobenzidine	21.465	252	529450	34.427	ng	#	97
83) Chrysene	21.589	228	1860030	42.761	ng		99
84) Bis(2-ethylhexyl)phtha...	21.471	149	1089192	38.957	ng	#	97
85) Di-n-octyl phthalate	22.412	149	1805273	40.740	ng	#	89
87) Indeno(1,2,3-cd)pyrene	26.571	276	2424181	46.228	ng	#	94
88) Benzo(b)fluoranthene	23.259	252	2141151	46.322	ng	#	97
89) Benzo(k)fluoranthene	23.306	252	2016340	43.728	ng	#	97
90) Benzo(a)pyrene	23.894	252	2034478	53.562	ng	#	98
91) Dibenzo(a,h)anthracene	26.588	278	2099646	47.609	ng		95
92) Benzo(g,h,i)perylene	27.359	276	2073827	48.541	ng	#	96

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

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