Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034049.D
Acq On : 23 Feb 2022 12:52
Operator : CG/JU
Sample : PB142857BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB142857BSD

Quant Time: Feb 23 14:14:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 17:55:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	251256	20.000	ng		0.00
21) Naphthalene-d8	10.836	136	1010515	20.000	ng	#	0.00
39) Acenaphthene-d10	14.654	164	659855	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	1261530	20.000	ng	#	0.00
76) Chrysene-d12	21.565	240	1073101	20.000	ng		0.00
86) Perylene-d12	24.024	264	1043014	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.566	112	1827467	129.656	ng		0.00
7) Phenol-d6	7.172	99	2307447	124.670	ng		0.00
23) Nitrobenzene-d5	9.184	82	1493579	79.763	ng		0.00
42) 2,4,6-Tribromophenol	16.136	330	915128	114.270	ng		0.00
45) 2-Fluorobiphenyl	13.289	172	3994315	80.648	ng		0.00
79) Terphenyl-d14	20.006	244	5033071	81.672	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	167486	30.907	ng	#	87
3) Pyridine	3.831	79	429405	28.206	ng		90
4) n-Nitrosodimethylamine	3.737	42	306827	40.292	ng	#	77
6) Aniline	7.337	93	775375	37.913	ng		93
8) 2-Chlorophenol	7.578	128	716445	45.435	ng		84
9) Benzaldehyde	7.143	77	385150	37.068	ng		89
10) Phenol	7.201	94	845390	46.438	ng		90
11) bis(2-Chloroethyl)ether	7.437	93	610131	42.003	ng		90
12) 1,3-Dichlorobenzene	7.907	146	760803	41.046	ng	#	94
13) 1,4-Dichlorobenzene	8.054	146	781475	41.250	ng		94
14) 1,2-Dichlorobenzene	8.378	146	751349	40.635	ng		95
15) Benzyl Alcohol	8.254	79	619703	43.421	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.554	45	800050	41.423	ng		95
17) 2-Methylphenol	8.460	107	579375	45.183	ng		95
18) Hexachloroethane	9.113	117	278475	42.950	ng	#	87
19) n-Nitroso-di-n-propyla...	8.831	70	502594	42.012	ng	#	92
20) 3+4-Methylphenols	8.790	107	777003	43.884	ng		93
22) Acetophenone	8.843	105	1010736	41.410	ng	#	92
24) Nitrobenzene	9.225	77	752122	43.145	ng	#	89
25) Isophorone	9.760	82	1321832	43.733	ng	#	93
26) 2-Nitrophenol	9.942	139	368178	44.825	ng	#	78
27) 2,4-Dimethylphenol	10.001	122	664609	50.082	ng		91
28) bis(2-Chloroethoxy)met...	10.237	93	834596	40.836	ng		98
29) 2,4-Dichlorophenol	10.478	162	738747	45.025	ng		94
30) 1,2,4-Trichlorobenzene	10.701	180	781483	40.572	ng		97
31) Naphthalene	10.889	128	2170460	41.806	ng		99
32) Benzoic acid	10.131	122	424659	42.254	ng	#	82
33) 4-Chloroaniline	10.984	127	375657	17.672	ng	#	90
34) Hexachlorobutadiene	11.184	225	493588	40.330	ng		97
35) Caprolactam	11.760	113	174800	52.850	ng	#	66
36) 4-Chloro-3-methylphenol	12.107	107	706217	43.713	ng	#	85
37) 2-Methylnaphthalene	12.495	142	1614943	42.636	ng		97
38) 1-Methylnaphthalene	12.713	142	1528351	41.383	ng		99
40) 1,2,4,5-Tetrachloroben...	12.860	216	918314	43.530	ng		98
41) Hexachlorocyclopentadiene	12.848	237	1276908	103.616	ng		98
43) 2,4,6-Trichlorophenol	13.089	196	602066	45.131	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	635418	46.886	ng	#	92
46) 1,1'-Biphenyl	13.495	154	2171190	43.066	ng		98
47) 2-Chloronaphthalene	13.536	162	1669922	42.420	ng		94
48) 2-Nitroaniline	13.725	65	433458	46.364	ng	#	78
49) Acenaphthylene	14.377	152	2645839	44.847	ng		99
50) Dimethylphthalate	14.113	163	2056063	42.029	ng		99
51) 2,6-Dinitrotoluene	14.219	165	447325	46.210	ng	#	81
52) Acenaphthene	14.719	154	1832309	47.002	ng		99
53) 3-Nitroaniline	14.542	138	254860	26.322	ng		82
54) 2,4-Dinitrophenol	14.748	184	479662	88.555	ng	#	80
55) Dibenzofuran	15.054	168	2496525	40.998	ng		98
56) 4-Nitrophenol	14.848	139	707048	90.344	ng	#	79
57) 2,4-Dinitrotoluene	15.001	165	589756	46.850	ng	#	81
58) Fluorene	15.701	166	2061726	42.119	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.272	232	552056	41.587	ng		91
60) Diethylphthalate	15.471	149	2023620	41.367	ng		99
61) 4-Chlorophenyl-phenyle...	15.695	204	1083895	41.349	ng		93
62) 4-Nitroaniline	15.707	138	422103	42.007	ng		83
63) Azobenzene	15.983	77	1749762	41.177	ng		93
65) 4,6-Dinitro-2-methylph...	15.766	198	304213	41.141	ng	#	71
66) n-Nitrosodiphenylamine	15.901	169	1750689	44.327	ng		98
67) 4-Bromophenyl-phenylether	16.583	248	566198	39.730	ng		94
68) Hexachlorobenzene	16.701	284	716640	43.644	ng		94
69) Atrazine	16.848	200	608575	46.582	ng		97
70) Pentachlorophenol	17.042	266	883214	89.035	ng		98
71) Phenanthrene	17.436	178	3028534	43.279	ng		100
72) Anthracene	17.524	178	3033825	44.551	ng		99
73) Carbazole	17.789	167	2600872	40.563	ng		99
74) Di-n-butylphthalate	18.365	149	3032700	41.579	ng		99
75) Fluoranthene	19.442	202	3163642	41.150	ng		97
77) Benzidine	19.618	184	1114448	55.766	ng		100
78) Pyrene	19.807	202	3212080	43.584	ng		99
80) Butylbenzylphthalate	20.701	149	1183091	42.156	ng		90
81) Benzo(a)anthracene	21.548	228	3016197	43.198	ng		99
82) 3,3'-Dichlorobenzidine	21.477	252	793631	33.656	ng		98
83) Chrysene	21.606	228	2843036	42.626	ng		100
84) Bis(2-ethylhexyl)phtha...	21.489	149	1793583	41.837	ng	#	98
85) Di-n-octyl phthalate	22.436	149	2916709	42.927	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.606	276	3365219	45.382	ng		97
88) Benzo(b)fluoranthene	23.277	252	3040058	46.510	ng		98
89) Benzo(k)fluoranthene	23.324	252	2968156	45.520	ng		99
90) Benzo(a)pyrene	23.918	252	2910153	54.181	ng		99
91) Dibenzo(a,h)anthracene	26.630	278	2951141	47.322	ng		97
92) Benzo(g,h,i)perylene	27.400	276	2867092	47.457	ng		99

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

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