Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022522\
Data File : BM034079.D
Acq On : 25 Feb 2022 15:58
Operator : CG/JU
Sample : PB142933BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB142933BSD

Quant Time: Feb 26 04:01:41 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	164711	20.000	ng		0.00
21) Naphthalene-d8	10.824	136	631081	20.000	ng	#	0.00
39) Acenaphthene-d10	14.642	164	400024	20.000	ng		0.00
64) Phenanthrene-d10	17.377	188	767489	20.000	ng	#	0.00
76) Chrysene-d12	21.553	240	725073	20.000	ng	#	0.00
86) Perylene-d12	24.000	264	739493	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.554	112	1152686	124.752	ng		0.00
7) Phenol-d6	7.160	99	1379222	113.673	ng		0.00
23) Nitrobenzene-d5	9.166	82	903815	77.288	ng		0.00
42) 2,4,6-Tribromophenol	16.124	330	642730	132.385	ng		0.00
45) 2-Fluorobiphenyl	13.271	172	2493380	83.043	ng		0.00
79) Terphenyl-d14	19.994	244	3359069	80.671	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.419	88	112607	31.698	ng		84
3) Pyridine	3.819	79	282366	28.293	ng		89
4) n-Nitrosodimethylamine	3.725	42	204654	40.996	ng	#	85
6) Aniline	7.325	93	424250	31.644	ng		93
8) 2-Chlorophenol	7.566	128	445858	43.132	ng		82
9) Benzaldehyde	7.131	77	233393	34.265	ng		86
10) Phenol	7.189	94	498946	41.808	ng		94
11) bis(2-Chloroethyl)ether	7.419	93	359925	37.797	ng		90
12) 1,3-Dichlorobenzene	7.895	146	501832	41.301	ng	#	94
13) 1,4-Dichlorobenzene	8.042	146	519205	41.806	ng		92
14) 1,2-Dichlorobenzene	8.366	146	489373	40.373	ng		94
15) Benzyl Alcohol	8.242	79	379037	40.512	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.542	45	411864	32.529	ng		92
17) 2-Methylphenol	8.448	107	349505	41.578	ng		94
18) Hexachloroethane	9.101	117	176039	41.417	ng	#	84
19) n-Nitroso-di-n-propyla...	8.819	70	290696	37.067	ng	#	93
20) 3+4-Methylphenols	8.772	107	459529	39.591	ng		97
22) Acetophenone	8.831	105	619530	40.643	ng	#	92
24) Nitrobenzene	9.213	77	454833	41.778	ng	#	87
25) Isophorone	9.742	82	768856	40.732	ng	#	92
26) 2-Nitrophenol	9.925	139	234925	45.798	ng	#	80
27) 2,4-Dimethylphenol	9.989	122	399152	48.163	ng		93
28) bis(2-Chloroethoxy)met...	10.225	93	469719	36.801	ng	#	97
29) 2,4-Dichlorophenol	10.466	162	458803	44.775	ng		94
30) 1,2,4-Trichlorobenzene	10.683	180	511609	42.530	ng		98
31) Naphthalene	10.872	128	1333604	41.131	ng		99
32) Benzoic acid	10.107	122	262660	41.848	ng	#	83
33) 4-Chloroaniline	10.972	127	194556	14.655	ng	#	90
34) Hexachlorobutadiene	11.172	225	334175	43.722	ng		97
35) Caprolactam	11.742	113	113081	54.745	ng	#	59
36) 4-Chloro-3-methylphenol	12.095	107	413735	41.006	ng	#	83
37) 2-Methylnaphthalene	12.477	142	982282	41.525	ng		98
38) 1-Methylnaphthalene	12.695	142	932678	40.438	ng		99
40) 1,2,4,5-Tetrachloroben...	12.848	216	596140	46.613	ng		98
41) Hexachlorocyclopentadiene	12.836	237	839279	112.341	ng		99
43) 2,4,6-Trichlorophenol	13.077	196	382509	47.297	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.148	196	405455	49.351	ng	#	91
46) 1,1'-Biphenyl	13.483	154	1321127	43.226	ng		96
47) 2-Chloronaphthalene	13.524	162	1020089	42.744	ng		95
48) 2-Nitroaniline	13.713	65	242793	42.838	ng	#	76
49) Acenaphthylene	14.365	152	1586835	44.367	ng		99
50) Dimethylphthalate	14.095	163	1227562	41.392	ng		99
51) 2,6-Dinitrotoluene	14.207	165	266018	45.330	ng	#	83
52) Acenaphthene	14.707	154	1122900	47.514	ng		99
53) 3-Nitroaniline	14.530	138	121111	20.633	ng		80
54) 2,4-Dinitrophenol	14.736	184	321799	97.535	ng	#	78
55) Dibenzofuran	15.036	168	1511605	40.948	ng		98
56) 4-Nitrophenol	14.836	139	414540	87.374	ng	#	80
57) 2,4-Dinitrotoluene	14.989	165	353497	46.322	ng	#	77
58) Fluorene	15.683	166	1243386	41.900	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.259	232	345539	42.937	ng	#	89
60) Diethylphthalate	15.459	149	1192617	40.215	ng		98
61) 4-Chlorophenyl-phenyle...	15.677	204	656782	41.329	ng		96
62) 4-Nitroaniline	15.689	138	239382	39.297	ng		87
63) Azobenzene	15.971	77	969310	37.627	ng		92
65) 4,6-Dinitro-2-methylph...	15.754	198	196654	43.715	ng	#	68
66) n-Nitrosodiphenylamine	15.889	169	1045977	43.532	ng		99
67) 4-Bromophenyl-phenylether	16.571	248	390670	45.059	ng		92
68) Hexachlorobenzene	16.689	284	453650	45.412	ng		94
69) Atrazine	16.836	200	375125	47.196	ng		95
70) Pentachlorophenol	17.030	266	573697	95.061	ng		99
71) Phenanthrene	17.424	178	1839623	43.211	ng		99
72) Anthracene	17.512	178	1855436	44.786	ng		100
73) Carbazole	17.777	167	1593875	40.860	ng		99
74) Di-n-butylphthalate	18.348	149	1808691	40.760	ng		99
75) Fluoranthene	19.430	202	2034816	43.505	ng		96
77) Benzidine	19.606	184	776180	57.481	ng		100
78) Pyrene	19.794	202	2067894	41.527	ng		99
80) Butylbenzylphthalate	20.689	149	751829	39.648	ng	#	85
81) Benzo(a)anthracene	21.536	228	2013919	42.688	ng		99
82) 3,3'-Dichlorobenzidine	21.465	252	542376	34.041	ng	#	97
83) Chrysene	21.589	228	1932025	42.871	ng		100
84) Bis(2-ethylhexyl)phtha...	21.465	149	1125592	38.858	ng		99
85) Di-n-octyl phthalate	22.412	149	1832217	39.909	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.576	276	2414718	45.930	ng	#	94
88) Benzo(b)fluoranthene	23.259	252	2154538	46.492	ng	#	96
89) Benzo(k)fluoranthene	23.306	252	1999482	43.251	ng	#	96
90) Benzo(a)pyrene	23.894	252	2037884	53.514	ng	#	98
91) Dibenzo(a,h)anthracene	26.588	278	2102582	47.553	ng	#	95
92) Benzo(g,h,i)perylene	27.353	276	2082502	48.619	ng	#	96

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

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