Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060122\
Data File : BM035343.D
Acq On : 01 Jun 2022 12:42
Operator : CG/JU
Sample : PB145186BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB145186BSD

Quant Time: Jun 02 08:45:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:35:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	132170	20.000	ng		-0.01
21) Naphthalene-d8	10.663	136	543600	20.000	ng		#-0.01
39) Acenaphthene-d10	14.504	164	362229	20.000	ng		-0.01
64) Phenanthrene-d10	17.251	188	750908	20.000	ng		# 0.00
76) Chrysene-d12	21.433	240	699540	20.000	ng		# 0.00
86) Perylene-d12	23.797	264	589779	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	876334	122.421	ng		0.00
7) Phenol-d6	7.051	99	1114620	120.251	ng		0.00
23) Nitrobenzene-d5	9.028	82	678391	68.698	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	638013	135.772	ng		0.00
45) 2-Fluorobiphenyl	13.127	172	2039975	78.098	ng		-0.01
79) Terphenyl-d14	19.874	244	3235931	81.969	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.351	88	72092	25.715	ng	#	87
3) Pyridine	3.751	79	187442	25.699	ng		86
4) n-Nitrosodimethylamine	3.657	42	108216	30.463	ng	#	73
6) Aniline	7.192	93	381634	38.752	ng		95
8) 2-Chlorophenol	7.434	128	365312	45.351	ng		90
9) Benzaldehyde	7.004	77	32629m	6.790	ng		
10) Phenol	7.075	94	408784	45.253	ng		94
11) bis(2-Chloroethyl)ether	7.292	93	288588	40.871	ng		89
12) 1,3-Dichlorobenzene	7.751	146	378944	40.701	ng		96
13) 1,4-Dichlorobenzene	7.898	146	390630	41.080	ng		97
14) 1,2-Dichlorobenzene	8.216	146	377894	40.947	ng		97
15) Benzyl Alcohol	8.110	79	285529m	43.309	ng		
16) 2,2'-oxybis(1-Chloropr...	8.398	45	320167	33.737	ng		90
17) 2-Methylphenol	8.322	107	292808	46.229	ng		94
18) Hexachloroethane	8.939	117	130782	40.151	ng	#	88
19) n-Nitroso-di-n-propyla...	8.681	70	230074	40.246	ng	#	86
20) 3+4-Methylphenols	8.651	107	398879	46.007	ng		95
22) Acetophenone	8.692	105	498052	38.501	ng	#	91
24) Nitrobenzene	9.069	77	343091	37.669	ng		91
25) Isophorone	9.604	82	637148	42.630	ng	#	93
26) 2-Nitrophenol	9.780	139	206589	43.959	ng	#	87
27) 2,4-Dimethylphenol	9.851	122	338843	51.478	ng		99
28) bis(2-Chloroethoxy)met...	10.080	93	399575	39.533	ng		99
29) 2,4-Dichlorophenol	10.322	162	387859	46.787	ng		97
30) 1,2,4-Trichlorobenzene	10.527	180	405592	40.983	ng		97
31) Naphthalene	10.716	128	1072979	40.508	ng		99
32) Benzoic acid	10.045	122	240534	40.973	ng		95
33) 4-Chloroaniline	10.827	127	279315	26.623	ng		95
34) Hexachlorobutadiene	11.004	225	263229	40.649	ng		98
35) Caprolactam	11.639	113	107189m	47.121	ng		
36) 4-Chloro-3-methylphenol	11.974	107	368848	44.785	ng		97
37) 2-Methylnaphthalene	12.327	142	792659	42.440	ng		98
38) 1-Methylnaphthalene	12.545	142	766912	42.005	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	506712	43.683	ng	#	96
41) Hexachlorocyclopentadiene	12.680	237	566435	80.625	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	339635	44.930	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	369092	45.902	ng	#	89
46) 1,1'-Biphenyl	13.339	154	1091518	40.897	ng		98
47) 2-Chloronaphthalene	13.380	162	855551	41.343	ng		97
48) 2-Nitroaniline	13.586	65	209086	40.493	ng		85
49) Acenaphthylene	14.227	152	1385035	44.888	ng		99
50) Dimethylphthalate	13.968	163	1080972	42.080	ng		99
51) 2,6-Dinitrotoluene	14.086	165	247593	46.952	ng	#	75
52) Acenaphthene	14.568	154	786631	41.863	ng		99
53) 3-Nitroaniline	14.415	138	158711	30.379	ng		89
54) 2,4-Dinitrophenol	14.633	184	316387	93.934	ng	#	74
55) Dibenzofuran	14.904	168	1307165	41.305	ng		93
56) 4-Nitrophenol	14.745	139	358550	89.020	ng		84
57) 2,4-Dinitrotoluene	14.880	165	334542	47.294	ng	#	81
58) Fluorene	15.551	166	1055299	42.769	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	319247	44.859	ng	#	81
60) Diethylphthalate	15.333	149	1050882	41.870	ng		96
61) 4-Chlorophenyl-phenyle...	15.545	204	585295	43.568	ng	#	89
62) 4-Nitroaniline	15.580	138	222483	42.164	ng		88
63) Azobenzene	15.839	77	790118	37.210	ng		88
65) 4,6-Dinitro-2-methylph...	15.645	198	204155	43.349	ng		79
66) n-Nitrosodiphenylamine	15.762	169	933812	43.178	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	380368	45.303	ng	#	87
68) Hexachlorobenzene	16.562	284	433760	46.376	ng	#	82
69) Atrazine	16.721	200	349668	48.575	ng		95
70) Pentachlorophenol	16.909	266	506437	93.748	ng		99
71) Phenanthrene	17.292	178	1642698	42.579	ng		99
72) Anthracene	17.380	178	1669018	44.318	ng		99
73) Carbazole	17.656	167	1466147	40.937	ng		97
74) Di-n-butylphthalate	18.221	149	1749900	42.111	ng		99
75) Fluoranthene	19.309	202	1904443	42.145	ng		98
77) Benzidine	19.492	184	574955	40.574	ng		99
78) Pyrene	19.668	202	1961572	42.741	ng		99
80) Butylbenzylphthalate	20.568	149	731947	41.698	ng	#	86
81) Benzo(a)anthracene	21.415	228	1841655	41.631	ng		98
82) 3,3'-Dichlorobenzidine	21.350	252	564699	51.559	ng	#	98
83) Chrysene	21.468	228	1704597	40.821	ng		99
84) Bis(2-ethylhexyl)phtha...	21.350	149	1061308	42.763	ng	#	95
85) Di-n-octyl phthalate	22.262	149	1739051	42.237	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.250	276	1568951	39.045	ng		95
88) Benzo(b)fluoranthene	23.080	252	1677335	47.140	ng		98
89) Benzo(k)fluoranthene	23.127	252	1624573	46.212	ng		99
90) Benzo(a)pyrene	23.691	252	1536009	52.083	ng		98
91) Dibenzo(a,h)anthracene	26.262	278	1393466	41.747	ng	#	96
92) Benzo(g,h,i)perylene	27.003	276	1341810	40.306	ng	#	95

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

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