Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036126.D
Acq On : 05 Aug 2022 19:22
Operator : CG/JU
Sample : N4023-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP1-1-6MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

Quant Time: Aug 06 01:13:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	312826	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1238983	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	667725	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1183977	20.000	ng		0.00
76) Chrysene-d12	21.415	240	909764	20.000	ng		0.00
86) Perylene-d12	23.774	264	892434	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2683496	139.076	ng		0.00
7) Phenol-d6	7.034	99	3016812	122.875	ng		0.00
23) Nitrobenzene-d5	9.028	82	2176218	98.321	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	1125030	143.622	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	4478895	99.037	ng		0.00
79) Terphenyl-d14	19.862	244	5159764	111.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	340913	43.847	ng	#	14
3) Pyridine	3.716	79	787655	37.778	ng		89
4) n-Nitrosodimethylamine	3.616	42	437011	51.007	ng	#	64
6) Aniline	7.187	93	557773	20.515	ng		96
8) 2-Chlorophenol	7.422	128	1105494	53.736	ng		95
9) Benzaldehyde	6.998	77	493524	37.970	ng		94
10) Phenol	7.057	94	1139301	46.086	ng		92
11) bis(2-Chloroethyl)ether	7.287	93	1100470	54.039	ng		95
12) 1,3-Dichlorobenzene	7.740	146	1232419	54.060	ng		97
13) 1,4-Dichlorobenzene	7.892	146	1250915	53.806	ng		98
14) 1,2-Dichlorobenzene	8.204	146	1199703	53.481	ng		99
15) Benzyl Alcohol	8.104	79	899390m	54.589	ng		
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1445293	53.373	ng		97
17) 2-Methylphenol	8.310	107	852863	52.117	ng		95
18) Hexachloroethane	8.934	117	465768	55.653	ng		97
19) n-Nitroso-di-n-propyla...	8.675	70	784567	52.609	ng		88
20) 3+4-Methylphenols	8.639	107	1113446	50.081	ng		96
22) Acetophenone	8.687	105	1624832	55.400	ng	#	92
24) Nitrobenzene	9.069	77	1183912	56.897	ng		96
25) Isophorone	9.598	82	2140085	59.435	ng		98
26) 2-Nitrophenol	9.775	139	584855	59.592	ng		92
27) 2,4-Dimethylphenol	9.839	122	942762	62.011	ng		97
28) bis(2-Chloroethoxy)met...	10.081	93	1343812	52.384	ng		99
29) 2,4-Dichlorophenol	10.310	162	951228	55.637	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	1008059	52.029	ng		98
31) Naphthalene	10.710	128	3340085	54.223	ng		99
32) Benzoic acid	9.998	122	553910	45.962	ng		96
33) 4-Chloroaniline	10.833	127	382459	15.406	ng		96
34) Hexachlorobutadiene	10.986	225	608217	53.422	ng		99
35) Caprolactam	11.639	113	205613	39.044	ng		91
36) 4-Chloro-3-methylphenol	11.957	107	935253	52.044	ng		100
37) 2-Methylnaphthalene	12.322	142	2201303	53.702	ng		97
38) 1-Methylnaphthalene	12.539	142	2074263	51.673	ng		98
40) 1,2,4,5-Tetrachloroben...	12.686	216	1046408	57.804	ng		99
41) Hexachlorocyclopentadiene	12.663	237	1429875	149.136	ng		98
43) 2,4,6-Trichlorophenol	12.933	196	685236	55.628	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	737741	56.735	ng	97
46) 1,1'-Biphenyl	13.333	154	2756597	56.648	ng	99
47) 2-Chloronaphthalene	13.374	162	2095692	56.270	ng	99
48) 2-Nitroaniline	13.586	65	578894	57.035	ng	91
49) Acenaphthylene	14.216	152	3246247	56.387	ng	99
50) Dimethylphthalate	13.963	163	2354817	51.859	ng	99
51) 2,6-Dinitrotoluene	14.080	165	517941	56.850	ng	93
52) Acenaphthene	14.557	154	2278097m	60.491	ng	
53) 3-Nitroaniline	14.410	138	374774	35.258	ng	94
54) 2,4-Dinitrophenol	14.616	184	556471	115.423	ng	93
55) Dibenzofuran	14.892	168	2950324	52.314	ng	98
56) 4-Nitrophenol	14.727	139	822428	96.685	ng	85
57) 2,4-Dinitrotoluene	14.868	165	677711	56.752	ng	97
58) Fluorene	15.539	166	2339693	52.594	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.121	232	571445	51.879	ng	97
60) Diethylphthalate	15.321	149	2330421	49.941	ng	100
61) 4-Chlorophenyl-phenyle...	15.539	204	1136326	51.226	ng	95
62) 4-Nitroaniline	15.574	138	537380	49.143	ng	91
63) Azobenzene	15.827	77	2270429	51.181	ng	94
65) 4,6-Dinitro-2-methylph...	15.627	198	328146	54.205	ng	92
66) n-Nitrosodiphenylamine	15.757	169	1913122	57.239	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	664161	56.081	ng	97
68) Hexachlorobenzene	16.539	284	775895	57.100	ng	92
69) Atrazine	16.710	200	624595	66.785	ng	98
70) Pentachlorophenol	16.886	266	928669	116.693	ng	100
71) Phenanthrene	17.280	178	3307387	54.831	ng	99
72) Anthracene	17.368	178	3314335	56.755	ng	99
73) Carbazole	17.645	167	3020666	51.051	ng	99
74) Di-n-butylphthalate	18.209	149	3727415	52.771	ng	99
75) Fluoranthene	19.292	202	3421335	50.671	ng	98
77) Benzidine	19.480	184	843559	61.827	ng	99
78) Pyrene	19.656	202	3479173	61.672	ng	99
80) Butylbenzylphthalate	20.556	149	1451649	59.619	ng	99
81) Benzo(a)anthracene	21.403	228	3027514	54.028	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	918791	67.526	ng	99
83) Chrysene	21.456	228	2845420	53.418	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	2063870	56.185	ng	98
85) Di-n-octyl phthalate	22.244	149	3226447	53.819	ng	95
87) Indeno(1,2,3-cd)pyrene	26.227	276	3732752	59.519	ng	98
88) Benzo(b)fluoranthene	23.056	252	3003010	57.433	ng	99
89) Benzo(k)fluoranthene	23.103	252	2871988	54.383	ng	99
90) Benzo(a)pyrene	23.668	252	2621721	59.761	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	3267972	62.251	ng	99
92) Benzo(g,h,i)perylene	26.979	276	3323546	65.397	ng	99

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

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