Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034337.D
Acq On : 23 Mar 2022 14:04
Operator : CG/JU
Sample : PB143457BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 24 02:28:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB143457BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	218973	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	921344	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	568727	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	1144324	20.000	ng		-0.01
76) Chrysene-d12	21.494	240	1043395	20.000	ng		0.00
86) Perylene-d12	23.906	264	891294	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	1829673	149.898	ng		0.00
7) Phenol-d6	7.107	99	2365752	135.369	ng		0.00
23) Nitrobenzene-d5	9.107	82	1548872	81.847	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	979026	127.715	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	3400716	81.710	ng		0.00
79) Terphenyl-d14	19.942	244	5009084	83.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	167814	30.387	ng		97
3) Pyridine	3.754	79	430708	28.821	ng		98
4) n-Nitrosodimethylamine	3.666	42	302822	42.676	ng		100
6) Aniline	7.260	93	873596	43.743	ng		99
8) 2-Chlorophenol	7.501	128	700617	49.074	ng		99
9) Benzaldehyde	7.066	77	352457	37.433	ng		97
10) Phenol	7.131	94	879076	50.576	ng		100
11) bis(2-Chloroethyl)ether	7.360	93	649738	45.543	ng		100
12) 1,3-Dichlorobenzene	7.831	146	697170	43.050	ng		99
13) 1,4-Dichlorobenzene	7.978	146	716356	43.209	ng		99
14) 1,2-Dichlorobenzene	8.295	146	691810	42.805	ng		98
15) Benzyl Alcohol	8.183	79	655193	47.109	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.472	45	893871	45.656	ng		99
17) 2-Methylphenol	8.389	107	589466	48.422	ng		98
18) Hexachloroethane	9.030	117	271445	44.392	ng		98
19) n-Nitroso-di-n-propyla...	8.754	70	556945	44.058	ng		100
20) 3+4-Methylphenols	8.719	107	786478	46.715	ng		99
22) Acetophenone	8.766	105	1056608	44.688	ng	#	99
24) Nitrobenzene	9.148	77	783836	44.365	ng		98
25) Isophorone	9.678	82	1387454	43.814	ng		98
26) 2-Nitrophenol	9.860	139	364855	46.566	ng		99
27) 2,4-Dimethylphenol	9.925	122	635138	51.769	ng		98
28) bis(2-Chloroethoxy)met...	10.160	93	847405	41.797	ng		99
29) 2,4-Dichlorophenol	10.401	162	649329	45.552	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	664434	41.006	ng		99
31) Naphthalene	10.801	128	2049466	42.697	ng		100
32) Benzoic acid	10.089	122	450779	44.432	ng		99
33) 4-Chloroaniline	10.907	127	479457	25.322	ng		99
34) Hexachlorobutadiene	11.095	225	413859	40.325	ng		99
35) Caprolactam	11.701	113	214124m	43.212	ng		
36) 4-Chloro-3-methylphenol	12.036	107	720638	44.114	ng		99
37) 2-Methylnaphthalene	12.413	142	1506322	43.979	ng		99
38) 1-Methylnaphthalene	12.630	142	1389031	41.458	ng		99
40) 1,2,4,5-Tetrachloroben...	12.783	216	771461	44.949	ng		99
41) Hexachlorocyclopentadiene	12.766	237	1050009	105.659	ng		98
43) 2,4,6-Trichlorophenol	13.018	196	520575	43.933	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	576244	45.307	ng	99
46) 1,1'-Biphenyl	13.418	154	1945437	44.862	ng	99
47) 2-Chloronaphthalene	13.460	162	1440897	43.288	ng	99
48) 2-Nitroaniline	13.660	65	482831	47.447	ng	100
49) Acenaphthylene	14.307	152	2311293	44.551	ng	99
50) Dimethylphthalate	14.042	163	1856232	42.883	ng	100
51) 2,6-Dinitrotoluene	14.154	165	410070	46.188	ng	99
52) Acenaphthene	14.648	154	1700193m	48.653	ng	
53) 3-Nitroaniline	14.477	138	277828	31.190	ng	99
54) 2,4-Dinitrophenol	14.689	184	480023	96.500	ng	99
55) Dibenzofuran	14.977	168	2184548	41.949	ng	99
56) 4-Nitrophenol	14.795	139	692949	95.960	ng	98
57) 2,4-Dinitrotoluene	14.942	165	570345	47.524	ng	96
58) Fluorene	15.624	166	1861352	44.027	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	501417	43.719	ng	100
60) Diethylphthalate	15.401	149	1953744	43.994	ng	100
61) 4-Chlorophenyl-phenyle...	15.618	204	913780	42.335	ng	99
62) 4-Nitroaniline	15.642	138	405879	47.367	ng	98
63) Azobenzene	15.912	77	1877215	43.836	ng	99
65) 4,6-Dinitro-2-methylph...	15.707	198	311517	41.866	ng	98
66) n-Nitrosodiphenylamine	15.836	169	1606155	44.179	ng	99
67) 4-Bromophenyl-phenylether	16.512	248	563165	42.811	ng	98
68) Hexachlorobenzene	16.636	284	643944	43.888	ng	97
69) Atrazine	16.783	200	588961	49.149	ng	99
70) Pentachlorophenol	16.977	266	850194	90.610	ng	99
71) Phenanthrene	17.365	178	2821930	44.034	ng	100
72) Anthracene	17.453	178	2879983	46.172	ng	99
73) Carbazole	17.724	167	2527533	43.449	ng	100
74) Di-n-butylphthalate	18.289	149	3302500	45.667	ng	99
75) Fluoranthene	19.377	202	3176616	44.218	ng	99
77) Benzidine	19.553	184	1117822	73.107	ng	99
78) Pyrene	19.736	202	3251403	44.229	ng	99
80) Butylbenzylphthalate	20.630	149	1444659	46.468	ng	98
81) Benzo(a)anthracene	21.483	228	2879544	43.726	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	809657	36.810	ng	99
83) Chrysene	21.536	228	2899329	43.112	ng	100
84) Bis(2-ethylhexyl)phtha...	21.412	149	2210072	48.139	ng	99
85) Di-n-octyl phthalate	22.336	149	3520606	48.310	ng	99
87) Indeno(1,2,3-cd)pyrene	26.429	276	2568883	44.804	ng	98
88) Benzo(b)fluoranthene	23.177	252	2727149	51.168	ng	99
89) Benzo(k)fluoranthene	23.224	252	2678349	47.439	ng	99
90) Benzo(a)pyrene	23.806	252	2492041	55.155	ng	100
91) Dibenzo(a,h)anthracene	26.441	278	2183242	46.961	ng	99
92) Benzo(g,h,i)perylene	27.200	276	2189809	45.507	ng	99

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

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