Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034362.D
Acq On : 24 Mar 2022 14:59
Operator : CG/JU
Sample : PB143537BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 25 01:09:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB143537BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	194771	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	871280	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	565478	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1144372	20.000	ng		0.00
76) Chrysene-d12	21.494	240	1134183	20.000	ng		0.00
86) Perylene-d12	23.912	264	1135031	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	1112086	102.430	ng		0.00
7) Phenol-d6	7.107	99	1504494	96.785	ng		0.00
23) Nitrobenzene-d5	9.107	82	1440669	80.504	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	637996	83.705	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	3243597	78.382	ng		0.00
79) Terphenyl-d14	19.942	244	5085718	77.915	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	130315	26.529	ng		97
3) Pyridine	3.754	79	357858	26.922	ng		97
4) n-Nitrosodimethylamine	3.660	42	250872	39.748	ng		99
6) Aniline	7.260	93	825857	46.491	ng		99
8) 2-Chlorophenol	7.501	128	625977	49.294	ng		99
9) Benzaldehyde	7.066	77	411084	49.085	ng		98
10) Phenol	7.131	94	793106	51.300	ng		99
11) bis(2-Chloroethyl)ether	7.354	93	561694	44.264	ng		99
12) 1,3-Dichlorobenzene	7.831	146	586016	40.683	ng		99
13) 1,4-Dichlorobenzene	7.978	146	603876	40.950	ng		99
14) 1,2-Dichlorobenzene	8.295	146	596895	41.522	ng		98
15) Benzyl Alcohol	8.184	79	598776	48.402	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.472	45	804358	46.189	ng		99
17) 2-Methylphenol	8.389	107	533939	49.311	ng		98
18) Hexachloroethane	9.031	117	227541	41.836	ng		99
19) n-Nitroso-di-n-propyla...	8.754	70	508862	45.256	ng		99
20) 3+4-Methylphenols	8.719	107	731693	48.861	ng		98
22) Acetophenone	8.766	105	955281	42.724	ng	#	98
24) Nitrobenzene	9.148	77	712377	42.637	ng		96
25) Isophorone	9.678	82	1296898	43.308	ng		97
26) 2-Nitrophenol	9.860	139	338374	45.668	ng		97
27) 2,4-Dimethylphenol	9.925	122	590183	50.869	ng		99
28) bis(2-Chloroethoxy)met...	10.160	93	781202	40.746	ng		100
29) 2,4-Dichlorophenol	10.401	162	601821	44.645	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	595765	38.880	ng		99
31) Naphthalene	10.801	128	1868962	41.174	ng		100
32) Benzoic acid	10.089	122	432606	45.091	ng		99
33) 4-Chloroaniline	10.907	127	638185	35.642	ng		98
34) Hexachlorobutadiene	11.095	225	358295	36.917	ng		98
35) Caprolactam	11.707	113	213368m	45.533	ng		
36) 4-Chloro-3-methylphenol	12.042	107	690820	44.719	ng		99
37) 2-Methylnaphthalene	12.413	142	1397348	43.142	ng		99
38) 1-Methylnaphthalene	12.630	142	1294604	40.860	ng		98
40) 1,2,4,5-Tetrachloroben...	12.783	216	707466	41.457	ng		99
41) Hexachlorocyclopentadiene	12.766	237	883919	89.457	ng		99
43) 2,4,6-Trichlorophenol	13.019	196	497239	42.205	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	545891	43.167	ng	99
46) 1,1'-Biphenyl	13.418	154	1827931	42.394	ng	99
47) 2-Chloronaphthalene	13.460	162	1357905	41.030	ng	98
48) 2-Nitroaniline	13.660	65	475260	46.971	ng	99
49) Acenaphthylene	14.307	152	2211465	42.872	ng	100
50) Dimethylphthalate	14.042	163	1773731	41.213	ng	100
51) 2,6-Dinitrotoluene	14.154	165	397064	44.980	ng	97
52) Acenaphthene	14.648	154	1626103m	46.800	ng	
53) 3-Nitroaniline	14.483	138	340697	38.468	ng	98
54) 2,4-Dinitrophenol	14.695	184	480353	97.121	ng	97
55) Dibenzofuran	14.977	168	2087489	40.315	ng	98
56) 4-Nitrophenol	14.795	139	667684	92.993	ng	97
57) 2,4-Dinitrotoluene	14.942	165	549269	46.031	ng	95
58) Fluorene	15.630	166	1765311	41.995	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	470353	41.246	ng	99
60) Diethylphthalate	15.401	149	1840587	41.684	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	863095	40.216	ng	99
62) 4-Nitroaniline	15.642	138	406032	47.657	ng	99
63) Azobenzene	15.912	77	1800089	42.277	ng	99
65) 4,6-Dinitro-2-methylph...	15.707	198	303519	40.789	ng	99
66) n-Nitrosodiphenylamine	15.830	169	1539795	42.352	ng	99
67) 4-Bromophenyl-phenylether	16.512	248	536802	40.805	ng	96
68) Hexachlorobenzene	16.636	284	611120	41.649	ng	98
69) Atrazine	16.783	200	557222	46.499	ng	100
70) Pentachlorophenol	16.977	266	813985	86.747	ng	98
71) Phenanthrene	17.365	178	2698700	42.110	ng	100
72) Anthracene	17.454	178	2760437	44.253	ng	99
73) Carbazole	17.724	167	2450346	42.120	ng	99
74) Di-n-butylphthalate	18.289	149	3153915	43.610	ng	99
75) Fluoranthene	19.377	202	3092231	43.041	ng	99
77) Benzidine	19.553	184	1317353	79.260	ng	98
78) Pyrene	19.736	202	3169688	39.666	ng	100
80) Butylbenzylphthalate	20.630	149	1442503	42.684	ng	99
81) Benzo(a)anthracene	21.483	228	2952650	41.247	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	1048599	43.857	ng	99
83) Chrysene	21.536	228	2951239	40.372	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	2192606	43.936	ng	99
85) Di-n-octyl phthalate	22.336	149	3768273	47.569	ng	99
87) Indeno(1,2,3-cd)pyrene	26.441	276	3183838	43.605	ng	97
88) Benzo(b)fluoranthene	23.177	252	3102007	45.703	ng	99
89) Benzo(k)fluoranthene	23.230	252	3162837	43.990	ng	99
90) Benzo(a)pyrene	23.806	252	2999109	52.124	ng	99
91) Dibenzo(a,h)anthracene	26.459	278	2744190	46.352	ng	99
92) Benzo(g,h,i)perylene	27.218	276	2651936	43.276	ng	100

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

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