Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034335.D
Acq On : 23 Mar 2022 12:47
Operator : CG/JU
Sample : PB143395BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 24 02:28:22 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 :
PB143395BSD

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	193979	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	821217	20.000	ng		-0.01
39) Acenaphthene-d10	14.583	164	524738	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	1065565	20.000	ng		-0.01
76) Chrysene-d12	21.495	240	1019968	20.000	ng		0.00
86) Perylene-d12	23.906	264	963878	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1067051	98.683	ng		0.00
7) Phenol-d6	7.101	99	1397538	90.271	ng		0.00
23) Nitrobenzene-d5	9.107	82	1360358	80.650	ng		0.00
42) 2,4,6-Tribromophenol	16.065	330	583434	82.490	ng		0.00
45) 2-Fluorobiphenyl	13.207	172	3017063	78.568	ng		-0.01
79) Terphenyl-d14	19.936	244	4770803	81.275	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	149379	30.534	ng		98
3) Pyridine	3.755	79	372652	28.149	ng		98
4) n-Nitrosodimethylamine	3.666	42	256962	40.879	ng		98
6) Aniline	7.260	93	779560	44.063	ng		100
8) 2-Chlorophenol	7.501	128	592234	46.828	ng		99
9) Benzaldehyde	7.066	77	389357	46.681	ng		97
10) Phenol	7.131	94	742557	48.226	ng		99
11) bis(2-Chloroethyl)ether	7.354	93	547503	43.322	ng		100
12) 1,3-Dichlorobenzene	7.831	146	588751	41.040	ng		100
13) 1,4-Dichlorobenzene	7.978	146	612549	41.708	ng		99
14) 1,2-Dichlorobenzene	8.295	146	592058	41.353	ng		99
15) Benzyl Alcohol	8.178	79	560289	45.476	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	760264	43.835	ng		98
17) 2-Methylphenol	8.384	107	495408	45.940	ng		98
18) Hexachloroethane	9.031	117	228779	42.235	ng		99
19) n-Nitroso-di-n-propyla...	8.754	70	472108	42.159	ng		99
20) 3+4-Methylphenols	8.719	107	671096	44.997	ng		98
22) Acetophenone	8.766	105	886286	42.055	ng	#	98
24) Nitrobenzene	9.148	77	672486	42.703	ng		98
25) Isophorone	9.678	82	1195116	42.342	ng		98
26) 2-Nitrophenol	9.860	139	312340	44.724	ng		98
27) 2,4-Dimethylphenol	9.925	122	550241	50.318	ng		98
28) bis(2-Chloroethoxy)met...	10.160	93	722112	39.960	ng		99
29) 2,4-Dichlorophenol	10.401	162	556731	43.818	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	571951	39.602	ng		98
31) Naphthalene	10.801	128	1761428	41.171	ng		99
32) Benzoic acid	10.084	122	388916	43.008	ng		100
33) 4-Chloroaniline	10.907	127	577909	34.243	ng		99
34) Hexachlorobutadiene	11.095	225	352244	38.506	ng		99
35) Caprolactam	11.695	113	189653m	42.940	ng		
36) 4-Chloro-3-methylphenol	12.036	107	629142	43.209	ng		98
37) 2-Methylnaphthalene	12.413	142	1305351	42.759	ng		99
38) 1-Methylnaphthalene	12.630	142	1212133	40.589	ng		100
40) 1,2,4,5-Tetrachloroben...	12.783	216	669193	42.259	ng		99
41) Hexachlorocyclopentadiene	12.766	237	867875	94.653	ng		100
43) 2,4,6-Trichlorophenol	13.019	196	456269	41.734	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	503491	42.905	ng	99
46) 1,1'-Biphenyl	13.419	154	1703173	42.568	ng	98
47) 2-Chloronaphthalene	13.460	162	1261583	41.079	ng	98
48) 2-Nitroaniline	13.660	65	430002	45.798	ng	99
49) Acenaphthylene	14.307	152	2029043	42.389	ng	99
50) Dimethylphthalate	14.042	163	1641440	41.100	ng	99
51) 2,6-Dinitrotoluene	14.154	165	359711	43.912	ng	98
52) Acenaphthene	14.648	154	1503095m	46.619	ng	
53) 3-Nitroaniline	14.477	138	299179	36.403	ng	99
54) 2,4-Dinitrophenol	14.689	184	439381	95.734	ng	96
55) Dibenzofuran	14.977	168	1942374	40.425	ng	98
56) 4-Nitrophenol	14.789	139	619455	92.974	ng	98
57) 2,4-Dinitrotoluene	14.936	165	507253	45.810	ng	98
58) Fluorene	15.624	166	1645160	42.175	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	437995	41.391	ng	99
60) Diethylphthalate	15.401	149	1705002	41.612	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	809929	40.669	ng	99
62) 4-Nitroaniline	15.642	138	358932	45.400	ng	97
63) Azobenzene	15.913	77	1662335	42.072	ng	98
65) 4,6-Dinitro-2-methylph...	15.701	198	276354	39.885	ng	97
66) n-Nitrosodiphenylamine	15.830	169	1416675	41.848	ng	99
67) 4-Bromophenyl-phenylether	16.512	248	499842	40.805	ng	97
68) Hexachlorobenzene	16.636	284	563410	41.237	ng	98
69) Atrazine	16.783	200	518035	46.426	ng	100
70) Pentachlorophenol	16.971	266	753881	86.284	ng	99
71) Phenanthrene	17.365	178	2499428	41.885	ng	100
72) Anthracene	17.454	178	2550112	43.905	ng	99
73) Carbazole	17.718	167	2246189	41.466	ng	99
74) Di-n-butylphthalate	18.289	149	2891272	42.935	ng	99
75) Fluoranthene	19.371	202	2834882	42.377	ng	98
77) Benzidine	19.553	184	1246418	83.389	ng	99
78) Pyrene	19.736	202	2904198	40.413	ng	100
80) Butylbenzylphthalate	20.630	149	1285689	42.304	ng	99
81) Benzo(a)anthracene	21.477	228	2670344	41.480	ng	100
82) 3,3'-Dichlorobenzidine	21.406	252	905411	42.108	ng	100
83) Chrysene	21.530	228	2665716	40.549	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	1981089	44.143	ng	99
85) Di-n-octyl phthalate	22.336	149	3277382	46.005	ng	99
87) Indeno(1,2,3-cd)pyrene	26.424	276	2629612	42.410	ng	97
88) Benzo(b)fluoranthene	23.171	252	2683978	46.566	ng	99
89) Benzo(k)fluoranthene	23.224	252	2728483	44.688	ng	99
90) Benzo(a)pyrene	23.800	252	2535796	51.897	ng	99
91) Dibenzo(a,h)anthracene	26.441	278	2268337	45.118	ng	99
92) Benzo(g,h,i)perylene	27.200	276	2221852	42.696	ng	99

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

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