Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110121\
Data File : BM032844.D
Acq On : 01 Nov 2021 22:03
Operator : CG/JU
Sample : PB140347BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB140347BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 02 00:08:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 18:47:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.495	152	140130	20.000	ng		0.00
21) Naphthalene-d8	10.278	136	653867	20.000	ng	#	0.00
39) Acenaphthene-d10	14.160	164	432259	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	883249	20.000	ng	#	0.00
76) Chrysene-d12	21.077	240	786636	20.000	ng	#	0.00
86) Perylene-d12	23.189	264	695239	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	985105	128.729	ng		0.00
7) Phenol-d6	6.707	99	1478350	123.040	ng		0.00
23) Nitrobenzene-d5	8.654	82	1003191	78.860	ng		0.00
42) 2,4,6-Tribromophenol	15.654	330	540393	115.516	ng		0.00
45) 2-Fluorobiphenyl	12.772	172	2222451	78.518	ng		0.00
79) Terphenyl-d14	19.524	244	3018705	79.251	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.919	88	52879	24.266	ng		94
3) Pyridine	3.325	79	159962	22.171	ng		93
4) n-Nitrosodimethylamine	3.237	42	104707	33.707	ng	#	72
6) Aniline	6.831	93	624972	46.307	ng		94
8) 2-Chlorophenol	7.072	128	429322	46.214	ng		96
9) Benzaldehyde	6.631	77	277458	45.729	ng		90
10) Phenol	6.731	94	558852	48.242	ng		87
11) bis(2-Chloroethyl)ether	6.925	93	409313	44.039	ng		97
12) 1,3-Dichlorobenzene	7.384	146	439636	42.720	ng	#	92
13) 1,4-Dichlorobenzene	7.531	146	452562	42.992	ng		98
14) 1,2-Dichlorobenzene	7.848	146	451331	43.072	ng		97
15) Benzyl Alcohol	7.748	79	411880	47.626	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.037	45	635923	45.105	ng		97
17) 2-Methylphenol	7.966	107	385883	47.521	ng	#	92
18) Hexachloroethane	8.572	117	176560	43.832	ng		93
19) n-Nitroso-di-n-propyla...	8.307	70	344411	45.242	ng		90
20) 3+4-Methylphenols	8.295	107	521419	47.134	ng		95
22) Acetophenone	8.319	105	684445	41.763	ng		92
24) Nitrobenzene	8.695	77	523811	43.243	ng		91
25) Isophorone	9.213	82	951014	43.368	ng		97
26) 2-Nitrophenol	9.401	139	241426	43.625	ng	#	79
27) 2,4-Dimethylphenol	9.484	122	438308	50.578	ng		96
28) bis(2-Chloroethoxy)met...	9.701	93	586839	41.253	ng		100
29) 2,4-Dichlorophenol	9.942	162	445113	45.405	ng		96
30) 1,2,4-Trichlorobenzene	10.148	180	453750	40.879	ng		99
31) Naphthalene	10.325	128	1421654	41.798	ng		100
32) Benzoic acid	9.684	122	309255	42.603	ng	#	84
33) 4-Chloroaniline	10.442	127	584402	41.852	ng		96
34) Hexachlorobutadiene	10.631	225	270292	39.685	ng		98
35) Caprolactam	11.225	113	152708	45.767	ng		96
36) 4-Chloro-3-methylphenol	11.595	107	507625	45.285	ng		99
37) 2-Methylnaphthalene	11.948	142	1038793	44.373	ng		95
38) 1-Methylnaphthalene	12.172	142	965143	41.905	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.336	216	486686	40.188	ng		98
41) Hexachlorocyclopentadiene	12.325	237	666207	97.773	ng		98
43) 2,4,6-Trichlorophenol	12.583	196	363681	43.588	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.660	196	398238	43.991	ng	#	93
46) 1,1'-Biphenyl	12.983	154	1296989	41.053	ng		99
47) 2-Chloronaphthalene	13.019	162	1023860	42.263	ng		99
48) 2-Nitroaniline	13.230	65	341843	45.515	ng		88
49) Acenaphthylene	13.877	152	1695925	43.660	ng		100
50) Dimethylphthalate	13.624	163	1319984	42.818	ng		100
51) 2,6-Dinitrotoluene	13.736	165	294631	46.064	ng	#	68
52) Acenaphthene	14.224	154	987967	42.598	ng		98
53) 3-Nitroaniline	14.066	138	293105	41.644	ng		91
54) 2,4-Dinitrophenol	14.277	184	360877	83.820	ng	#	65
55) Dibenzofuran	14.560	168	1594113	41.267	ng		93
56) 4-Nitrophenol	14.407	139	532553	94.104	ng	#	73
57) 2,4-Dinitrotoluene	14.530	165	408177	47.343	ng	#	63
58) Fluorene	15.207	166	1230765	42.713	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.795	232	348770	43.242	ng	#	85
60) Diethylphthalate	14.995	149	1322541	42.966	ng		96
61) 4-Chlorophenyl-phenyle...	15.201	204	600460	39.639	ng		95
62) 4-Nitroaniline	15.242	138	323211	44.701	ng	#	73
63) Azobenzene	15.495	77	1355267	43.400	ng		89
65) 4,6-Dinitro-2-methylph...	15.301	198	218768	41.086	ng	#	77
66) n-Nitrosodiphenylamine	15.418	169	1115697	43.023	ng		97
67) 4-Bromophenyl-phenylether	16.089	248	381250	42.140	ng		95
68) Hexachlorobenzene	16.224	284	424288	42.540	ng	#	84
69) Atrazine	16.371	200	398786	46.931	ng		96
70) Pentachlorophenol	16.565	266	540514	87.126	ng		98
71) Phenanthrene	16.936	178	2010492	42.752	ng		100
72) Anthracene	17.024	178	2069527	44.768	ng		99
73) Carbazole	17.295	167	1883599	41.205	ng		98
74) Di-n-butylphthalate	17.860	149	2220830	45.047	ng	#	98
75) Fluoranthene	18.954	202	2295562	43.188	ng		97
77) Benzidine	19.142	184	1791563	93.583	ng		98
78) Pyrene	19.318	202	2360504	43.842	ng		99
80) Butylbenzylphthalate	20.218	149	970577	46.026	ng		92
81) Benzo(a)anthracene	21.059	228	2126238	42.196	ng		99
82) 3,3'-Dichlorobenzidine	21.000	252	672566	44.375	ng		99
83) Chrysene	21.112	228	2092264	42.650	ng		100
84) Bis(2-ethylhexyl)phtha...	20.995	149	1305972	46.704	ng		95
85) Di-n-octyl phthalate	21.836	149	2340671	48.268	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.277	276	1745809	40.134	ng	#	95
88) Benzo(b)fluoranthene	22.565	252	2048412	49.100	ng		98
89) Benzo(k)fluoranthene	22.606	252	1905684m	44.700	ng		
90) Benzo(a)pyrene	23.100	252	1868422	53.317	ng	#	98
91) Dibenzo(a,h)anthracene	25.283	278	1503348	41.509	ng	#	95
92) Benzo(g,h,i)perylene	25.918	276	1488174	41.217	ng	#	95

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

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