Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110121\
Data File : BM032843.D
Acq On : 01 Nov 2021 21:27
Operator : CG/JU
Sample : PB140347BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB140347BS

Manual Integrations APPROVED

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

Quant Time: Nov 02 00:08:19 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	135327	20.000	ng		0.00
21) Naphthalene-d8	10.278	136	628382	20.000	ng	#	0.00
39) Acenaphthene-d10	14.160	164	419827	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	871441	20.000	ng	#	0.00
76) Chrysene-d12	21.077	240	815099	20.000	ng	#	0.00
86) Perylene-d12	23.189	264	781455	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	953101	128.967	ng		0.00
7) Phenol-d6	6.701	99	1427008	122.982	ng		0.00
23) Nitrobenzene-d5	8.654	82	965625	78.986	ng		0.00
42) 2,4,6-Tribromophenol	15.654	330	525186	115.589	ng		0.00
45) 2-Fluorobiphenyl	12.772	172	2152711	78.306	ng		0.00
79) Terphenyl-d14	19.524	244	3007068	76.189	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.913	88	53008	25.454	ng		94
3) Pyridine	3.325	79	155109	22.261	ng		94
4) n-Nitrosodimethylamine	3.237	42	103266	34.423	ng	#	72
6) Aniline	6.831	93	600903	46.104	ng		93
8) 2-Chlorophenol	7.066	128	413555	46.096	ng		97
9) Benzaldehyde	6.631	77	261720	44.536	ng		88
10) Phenol	6.731	94	542015	48.449	ng		86
11) bis(2-Chloroethyl)ether	6.925	93	396122	44.133	ng		97
12) 1,3-Dichlorobenzene	7.384	146	421890	42.451	ng	#	94
13) 1,4-Dichlorobenzene	7.531	146	438139	43.100	ng		98
14) 1,2-Dichlorobenzene	7.848	146	429081	42.402	ng		97
15) Benzyl Alcohol	7.748	79	400576	47.963	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.031	45	606163	44.520	ng		97
17) 2-Methylphenol	7.966	107	372928	47.556	ng	#	93
18) Hexachloroethane	8.572	117	169853	43.663	ng		93
19) n-Nitroso-di-n-propyla...	8.307	70	331732	45.123	ng		91
20) 3+4-Methylphenols	8.295	107	503422	47.122	ng		96
22) Acetophenone	8.319	105	657230	41.729	ng	#	91
24) Nitrobenzene	8.695	77	505398	43.415	ng		91
25) Isophorone	9.213	82	919686	43.641	ng		97
26) 2-Nitrophenol	9.401	139	230571	43.353	ng	#	80
27) 2,4-Dimethylphenol	9.484	122	421407	50.600	ng		95
28) bis(2-Chloroethoxy)met...	9.701	93	569615	41.666	ng		99
29) 2,4-Dichlorophenol	9.942	162	429812	45.623	ng		96
30) 1,2,4-Trichlorobenzene	10.148	180	437033	40.970	ng		98
31) Naphthalene	10.325	128	1366715	41.813	ng		100
32) Benzoic acid	9.684	122	292428	41.982	ng	#	83
33) 4-Chloroaniline	10.442	127	562893	41.946	ng		96
34) Hexachlorobutadiene	10.631	225	259332	39.620	ng		97
35) Caprolactam	11.225	113	149450	46.607	ng		94
36) 4-Chloro-3-methylphenol	11.595	107	492904	45.755	ng		99
37) 2-Methylnaphthalene	11.948	142	1008174m	44.812	ng		
38) 1-Methylnaphthalene	12.172	142	937097	42.338	ng		99
40) 1,2,4,5-Tetrachloroben...	12.336	216	477572	40.603	ng		98
41) Hexachlorocyclopentadiene	12.325	237	639444	96.624	ng		98
43) 2,4,6-Trichlorophenol	12.583	196	349314	43.106	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.660	196	385738	43.872	ng	#	92
46) 1,1'-Biphenyl	12.983	154	1250199	40.743	ng		99
47) 2-Chloronaphthalene	13.019	162	983460	41.797	ng		99
48) 2-Nitroaniline	13.230	65	332171	45.537	ng		88
49) Acenaphthylene	13.877	152	1654627	43.858	ng		99
50) Dimethylphthalate	13.624	163	1280117	42.754	ng		100
51) 2,6-Dinitrotoluene	13.730	165	286418	46.106	ng	#	72
52) Acenaphthene	14.224	154	946164	42.003	ng		99
53) 3-Nitroaniline	14.066	138	288277	42.171	ng		92
54) 2,4-Dinitrophenol	14.277	184	347932	83.239	ng	#	67
55) Dibenzofuran	14.560	168	1549182	41.291	ng		93
56) 4-Nitrophenol	14.407	139	523522	95.248	ng	#	73
57) 2,4-Dinitrotoluene	14.530	165	399361	47.692	ng	#	63
58) Fluorene	15.207	166	1188172	42.456	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.795	232	338459	43.206	ng	#	84
60) Diethylphthalate	14.989	149	1301987	43.551	ng		97
61) 4-Chlorophenyl-phenyle...	15.201	204	578053	39.290	ng		95
62) 4-Nitroaniline	15.242	138	319342	45.474	ng	#	73
63) Azobenzene	15.495	77	1322944	43.619	ng		89
65) 4,6-Dinitro-2-methylph...	15.295	198	219319	41.748	ng		83
66) n-Nitrosodiphenylamine	15.418	169	1096852	42.870	ng		97
67) 4-Bromophenyl-phenylether	16.089	248	371801	41.652	ng		95
68) Hexachlorobenzene	16.224	284	418030	42.480	ng	#	83
69) Atrazine	16.371	200	390733	46.607	ng		96
70) Pentachlorophenol	16.565	266	534600	87.340	ng		98
71) Phenanthrene	16.936	178	1981175	42.700	ng		100
72) Anthracene	17.024	178	2017152	44.227	ng		99
73) Carbazole	17.295	167	1852886	41.082	ng		98
74) Di-n-butylphthalate	17.859	149	2179387	44.805	ng	#	98
75) Fluoranthene	18.953	202	2259370	43.083	ng		97
77) Benzidine	19.142	184	1828281	92.166	ng		98
78) Pyrene	19.318	202	2353206	42.180	ng		99
80) Butylbenzylphthalate	20.218	149	980895	44.891	ng		92
81) Benzo(a)anthracene	21.059	228	2173966	41.637	ng		99
82) 3,3'-Dichlorobenzidine	21.000	252	696327	44.338	ng		99
83) Chrysene	21.118	228	2170219	42.694	ng		100
84) Bis(2-ethylhexyl)phtha...	20.995	149	1326838	45.794	ng		95
85) Di-n-octyl phthalate	21.836	149	2444949	48.658	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.282	276	2043096	41.786	ng		95
88) Benzo(b)fluoranthene	22.571	252	2228969	47.533	ng		98
89) Benzo(k)fluoranthene	22.612	252	2106289	43.955	ng		99
90) Benzo(a)pyrene	23.100	252	2089709	53.053	ng		98
91) Dibenzo(a,h)anthracene	25.282	278	1756062	43.137	ng	#	95
92) Benzo(g,h,i)perylene	25.918	276	1734297	42.734	ng	#	95

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

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