Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121721\
Data File : BM033511.D
Acq On : 17 Dec 2021 18:17
Operator : CG/JU
Sample : M5051-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P-2MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

Quant Time: Dec 18 04:53:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	46996	20.000	ng		0.00
21) Naphthalene-d8	10.748	136	197742	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	135229	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	262231	20.000	ng		0.00
76) Chrysene-d12	21.506	240	158998	20.000	ng		0.00
86) Perylene-d12	23.918	264	140713	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.507	112	410493	150.720	ng		0.00
7) Phenol-d6	7.113	99	515925	141.156	ng		0.00
23) Nitrobenzene-d5	9.113	82	461318	100.171	ng		0.00
42) 2,4,6-Tribromophenol	16.077	330	223163	146.704	ng		0.00
45) 2-Fluorobiphenyl	13.207	172	983372	100.593	ng		0.00
79) Terphenyl-d14	19.948	244	1174838	116.327	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.402	88	45276	45.930	ng	#	47
3) Pyridine	3.813	79	83204	28.678	ng	#	90
4) n-Nitrosodimethylamine	3.713	42	103664	50.233	ng		89
6) Aniline	7.272	93	115879	27.760	ng		96
8) 2-Chlorophenol	7.501	128	165214	55.957	ng		99
9) Benzaldehyde	7.078	77	104305	47.476	ng		96
10) Phenol	7.137	94	197148	53.392	ng		88
11) bis(2-Chloroethyl)ether	7.366	93	161907	55.648	ng		100
12) 1,3-Dichlorobenzene	7.825	146	179250	49.973	ng		95
13) 1,4-Dichlorobenzene	7.972	146	184545	50.133	ng		98
14) 1,2-Dichlorobenzene	8.290	146	180927	50.103	ng		99
15) Benzyl Alcohol	8.190	79	200986	61.010	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.472	45	276293	53.408	ng		98
17) 2-Methylphenol	8.390	107	151265	57.643	ng		94
18) Hexachloroethane	9.013	117	75520	49.238	ng		97
19) n-Nitroso-di-n-propyla...	8.760	70	160053	55.544	ng		95
20) 3+4-Methylphenols	8.725	107	202024	57.713	ng		93
22) Acetophenone	8.772	105	296961	55.468	ng	#	93
24) Nitrobenzene	9.154	77	248747	54.989	ng		97
25) Isophorone	9.684	82	408422	54.776	ng		99
26) 2-Nitrophenol	9.860	139	94911	60.069	ng	#	90
27) 2,4-Dimethylphenol	9.925	122	167846	64.639	ng		96
28) bis(2-Chloroethoxy)met...	10.160	93	221407	54.061	ng		98
29) 2,4-Dichlorophenol	10.401	162	172980	58.405	ng		98
30) 1,2,4-Trichlorobenzene	10.607	180	190281	50.668	ng		99
31) Naphthalene	10.801	128	561670	52.434	ng		100
32) Benzoic acid	10.113	122	111012	60.479	ng		94
33) 4-Chloroaniline	10.931	127	41434	11.956	ng		97
34) Hexachlorobutadiene	11.072	225	125224	47.825	ng		98
35) Caprolactam	11.742	113	45179m	77.216	ng		
36) 4-Chloro-3-methylphenol	12.048	107	212854	55.993	ng		97
37) 2-Methylnaphthalene	12.407	142	416511	56.210	ng		96
38) 1-Methylnaphthalene	12.625	142	389411	52.686	ng		98
40) 1,2,4,5-Tetrachloroben...	12.772	216	223066	57.262	ng		99
41) Hexachlorocyclopentadiene	12.748	237	213176	126.542	ng		98
43) 2,4,6-Trichlorophenol	13.019	196	150162	57.647	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	159184	57.262	ng		96
46) 1,1'-Biphenyl	13.419	154	564880	56.412	ng		98
47) 2-Chloronaphthalene	13.460	162	425684	54.994	ng		98
48) 2-Nitroaniline	13.677	65	165579	62.789	ng		99
49) Acenaphthylene	14.307	152	681922	55.606	ng		99
50) Dimethylphthalate	14.048	163	567346	55.389	ng		99
51) 2,6-Dinitrotoluene	14.172	165	113557	58.660	ng	#	81
52) Acenaphthene	14.648	154	407481	54.710	ng		99
53) 3-Nitroaniline	14.501	138	69603	38.336	ng		93
54) 2,4-Dinitrophenol	14.707	184	91939	89.254	ng	#	83
55) Dibenzofuran	14.983	168	661826	52.434	ng		95
56) 4-Nitrophenol	14.819	139	160286	109.124	ng	#	79
57) 2,4-Dinitrotoluene	14.954	165	163298	61.682	ng		94
58) Fluorene	15.630	166	544796	53.783	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.213	232	136278	53.882	ng		96
60) Diethylphthalate	15.407	149	589582	53.527	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	275873	52.458	ng		92
62) 4-Nitroaniline	15.671	138	105287	55.275	ng	#	79
63) Azobenzene	15.918	77	651443	52.719	ng		96
65) 4,6-Dinitro-2-methylph...	15.718	198	66424	49.809	ng		95
66) n-Nitrosodiphenylamine	15.842	169	458312	58.872	ng		99
67) 4-Bromophenyl-phenylether	16.518	248	160000	55.921	ng	#	87
68) Hexachlorobenzene	16.630	284	172368	56.104	ng		98
69) Atrazine	16.801	200	169049	102.422	ng		99
70) Pentachlorophenol	16.983	266	211239	122.487	ng		100
71) Phenanthrene	17.371	178	794410	54.431	ng		99
72) Anthracene	17.465	178	810141	56.779	ng		99
73) Carbazole	17.742	167	671405	53.297	ng		99
74) Di-n-butylphthalate	18.295	149	982911	56.126	ng		99
75) Fluoranthene	19.383	202	787378	46.898	ng		99
77) Benzidine	19.577	184	132175	177.792	ng		99
78) Pyrene	19.748	202	772295	61.561	ng		98
80) Butylbenzylphthalate	20.642	149	357780	63.724	ng		95
81) Benzo(a)anthracene	21.489	228	567019	53.208	ng		99
82) 3,3'-Dichlorobenzidine	21.430	252	173123	41.434	ng		98
83) Chrysene	21.547	228	544684	53.085	ng		99
84) Bis(2-ethylhexyl)phtha...	21.412	149	509136	61.870	ng		100
85) Di-n-octyl phthalate	22.347	149	749938	56.061	ng		100
87) Indeno(1,2,3-cd)pyrene	26.430	276	447793	69.024	ng	#	95
88) Benzo(b)fluoranthene	23.189	252	520189	57.651	ng		98
89) Benzo(k)fluoranthene	23.236	252	469579	51.450	ng	#	96
90) Benzo(a)pyrene	23.818	252	458863	67.956	ng	#	97
91) Dibenzo(a,h)anthracene	26.447	278	359224	73.822	ng		95
92) Benzo(g,h,i)perylene	27.200	276	424237	67.797	ng		97

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

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