Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033408.D
Acq On : 10 Dec 2021 23:26
Operator : CG/JU
Sample : M4927-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 02:16:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 07:11:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.901	152	78816	20.000	ng		-0.01
21) Naphthalene-d8	10.701	136	349164	20.000	ng		0.00
39) Acenaphthene-d10	14.530	164	194152	20.000	ng		0.00
64) Phenanthrene-d10	17.265	188	365728	20.000	ng		-0.01
76) Chrysene-d12	21.430	240	343087	20.000	ng		-0.01
86) Perylene-d12	23.747	264	323460	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.490	112	194250	40.432	ng		0.00
7) Phenol-d6	7.084	99	545998	81.507	ng		0.00
23) Nitrobenzene-d5	9.066	82	630849	76.715	ng		-0.01
42) 2,4,6-Tribromophenol	16.018	330	214859	103.452	ng		0.00
45) 2-Fluorobiphenyl	13.154	172	1216497	86.670	ng		0.00
79) Terphenyl-d14	19.877	244	1425245	76.964	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	20270	9.467	ng		88
3) Pyridine	3.802	79	59032	10.859	ng		89
4) n-Nitrosodimethylamine	3.713	42	35100	11.078	ng	#	32
6) Aniline	7.237	93	184879	24.560	ng		92
8) 2-Chlorophenol	7.472	128	185147	36.540	ng		91
9) Benzaldehyde	7.054	77	121840	29.719	ng		94
10) Phenol	7.107	94	251679	37.637	ng		91
11) bis(2-Chloroethyl)ether	7.331	93	227488	43.345	ng		93
12) 1,3-Dichlorobenzene	7.790	146	282481	47.435	ng		97
13) 1,4-Dichlorobenzene	7.937	146	298441	49.319	ng		97
14) 1,2-Dichlorobenzene	8.254	146	303890	51.333	ng		98
15) Benzyl Alcohol	8.148	79	198859	35.882	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.431	45	414365	44.695	ng		97
17) 2-Methylphenol	8.348	107	203641	44.727	ng		93
18) Hexachloroethane	8.978	117	142640	60.029	ng		96
19) n-Nitroso-di-n-propyla...	8.713	70	214498	44.740	ng		93
20) 3+4-Methylphenols	8.678	107	270307	43.748	ng		93
22) Acetophenone	8.731	105	453388	47.994	ng		93
24) Nitrobenzene	9.113	77	361000	45.869	ng		96
25) Isophorone	9.636	82	584493	46.802	ng		99
26) 2-Nitrophenol	9.819	139	116967	40.436	ng	#	86
27) 2,4-Dimethylphenol	9.878	122	206858	44.900	ng		95
28) bis(2-Chloroethoxy)met...	10.113	93	375156	47.563	ng		99
29) 2,4-Dichlorophenol	10.354	162	233411	43.796	ng		99
30) 1,2,4-Trichlorobenzene	10.560	180	287386	45.765	ng		98
31) Naphthalene	10.748	128	936493	50.185	ng		99
32) Benzoic acid	10.031	122	107234	32.141	ng		93
33) 4-Chloroaniline	10.866	127	156017	21.563	ng		95
34) Hexachlorobutadiene	11.025	225	175860	44.338	ng		98
35) Caprolactam	11.672	113	63044	60.704	ng	#	84
36) 4-Chloro-3-methylphenol	11.989	107	258464	40.374	ng		95
37) 2-Methylnaphthalene	12.354	142	637689	49.991	ng		98
38) 1-Methylnaphthalene	12.577	142	584875	46.497	ng		99
40) 1,2,4,5-Tetrachloroben...	12.719	216	293359	51.137	ng		98
41) Hexachlorocyclopentadiene	12.695	237	340060	111.260	ng		98
43) 2,4,6-Trichlorophenol	12.966	196	170196	44.814	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.042	196	189242	46.481	ng		98
46) 1,1'-Biphenyl	13.366	154	767911	51.929	ng		98
47) 2-Chloronaphthalene	13.407	162	593969	52.364	ng		98
48) 2-Nitroaniline	13.619	65	137729	34.248	ng		95
49) Acenaphthylene	14.254	152	942061	52.797	ng		100
50) Dimethylphthalate	13.989	163	666063	47.220	ng		99
51) 2,6-Dinitrotoluene	14.113	165	128500	44.652	ng		98
52) Acenaphthene	14.595	154	561386	51.891	ng		99
53) 3-Nitroaniline	14.448	138	101992	34.015	ng		99
54) 2,4-Dinitrophenol	14.648	184	104989	65.916	ng		94
55) Dibenzofuran	14.930	168	886510	49.299	ng		98
56) 4-Nitrophenol	14.760	139	220170	97.287	ng		86
57) 2,4-Dinitrotoluene	14.895	165	179125	47.211	ng		99
58) Fluorene	15.577	166	709898	50.162	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.154	232	147894	41.969	ng		99
60) Diethylphthalate	15.348	149	677032	47.615	ng		98
61) 4-Chlorophenyl-phenyle...	15.565	204	333759	46.273	ng		98
62) 4-Nitroaniline	15.607	138	109651	34.815	ng		89
63) Azobenzene	15.860	77	777378	47.329	ng		96
65) 4,6-Dinitro-2-methylph...	15.654	198	65597	31.742	ng		97
66) n-Nitrosodiphenylamine	15.783	169	570215	51.480	ng		98
67) 4-Bromophenyl-phenylether	16.460	248	188236	48.988	ng		98
68) Hexachlorobenzene	16.571	284	200106	48.054	ng		98
69) Atrazine	16.736	200	155478	68.617	ng		97
70) Pentachlorophenol	16.918	266	218824	95.631	ng		99
71) Phenanthrene	17.312	178	1036617	50.627	ng		99
72) Anthracene	17.401	178	1030411	51.508	ng		99
73) Carbazole	17.671	167	938402	48.686	ng		98
74) Di-n-butylphthalate	18.224	149	1034037	49.040	ng		100
75) Fluoranthene	19.318	202	1119576	49.191	ng		98
77) Benzidine	19.506	184	44245	9.567	ng		95
78) Pyrene	19.677	202	1161001	48.318	ng		99
80) Butylbenzylphthalate	20.565	149	274074	28.925	ng		91
81) Benzo(a)anthracene	21.412	228	1056876	46.906	ng		100
82) 3,3'-Dichlorobenzidine	21.353	252	222803	21.832	ng		99
83) Chrysene	21.465	228	1053715	48.396	ng		100
84) Bis(2-ethylhexyl)phtha...	21.336	149	491897	37.088	ng		100
85) Di-n-octyl phthalate	22.230	149	934563	42.255	ng		98
87) Indeno(1,2,3-cd)pyrene	26.129	276	1124808	50.700	ng		97
88) Benzo(b)fluoranthene	23.047	252	1072373m	52.654	ng		
89) Benzo(k)fluoranthene	23.094	252	1034397	51.416	ng		99
90) Benzo(a)pyrene	23.647	252	1007059	59.885	ng	#	97
91) Dibenzo(a,h)anthracene	26.135	278	972635	51.959	ng		95
92) Benzo(g,h,i)perylene	26.859	276	961817	52.536	ng		97

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

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