Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033396.D
Acq On : 10 Dec 2021 16:13
Operator : CG/JU
Sample : M4919-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FDR-MW-4-20211202MSD

Manual Integrations APPROVED

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

Quant Time: Dec 11 02:11:38 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	7.907	152	72273	20.000	ng		0.00
21) Naphthalene-d8	10.701	136	297022	20.000	ng		0.00
39) Acenaphthene-d10	14.530	164	209300	20.000	ng		0.00
64) Phenanthrene-d10	17.271	188	446786	20.000	ng		0.00
76) Chrysene-d12	21.436	240	345140	20.000	ng		0.00
86) Perylene-d12	23.753	264	260582	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.490	112	275309	62.493	ng		0.00
7) Phenol-d6	7.078	99	228789	37.246	ng		-0.01
23) Nitrobenzene-d5	9.072	82	654721	93.595	ng		0.00
42) 2,4,6-Tribromophenol	16.019	330	336346	150.226	ng		0.00
45) 2-Fluorobiphenyl	13.154	172	1327710	87.747	ng		0.00
79) Terphenyl-d14	19.883	244	1719792	92.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.402	88	33571	17.098	ng		97
3) Pyridine	3.808	79	63143	12.666	ng		97
4) n-Nitrosodimethylamine	3.713	42	59463	20.466	ng	#	94
6) Aniline	7.237	93	156266	22.638	ng		99
8) 2-Chlorophenol	7.472	128	195063	41.982	ng		96
9) Benzaldehyde	7.048	77	146829	40.510	ng		97
10) Phenol	7.101	94	91876	14.983	ng		94
11) bis(2-Chloroethyl)ether	7.331	93	240388	49.950	ng		98
12) 1,3-Dichlorobenzene	7.795	146	241752	44.271	ng		98
13) 1,4-Dichlorobenzene	7.943	146	247951	44.685	ng		98
14) 1,2-Dichlorobenzene	8.254	146	239849	44.183	ng		99
15) Benzyl Alcohol	8.148	79	169699	33.392	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.431	45	414919	48.806	ng		99
17) 2-Methylphenol	8.354	107	146612	35.116	ng		99
18) Hexachloroethane	8.978	117	98955	45.415	ng		97
19) n-Nitroso-di-n-propyla...	8.713	70	232014	52.775	ng		98
20) 3+4-Methylphenols	8.678	107	177954	31.409	ng		98
22) Acetophenone	8.731	105	399754	49.745	ng		97
24) Nitrobenzene	9.113	77	347713	51.936	ng		99
25) Isophorone	9.637	82	591428	55.671	ng		99
26) 2-Nitrophenol	9.819	139	132599	53.888	ng		96
27) 2,4-Dimethylphenol	9.878	122	217829	55.581	ng		98
28) bis(2-Chloroethoxy)met...	10.113	93	338370	50.430	ng		99
29) 2,4-Dichlorophenol	10.354	162	232400	51.261	ng		98
30) 1,2,4-Trichlorobenzene	10.560	180	254491	47.641	ng		96
31) Naphthalene	10.748	128	788687	49.684	ng		99
32) Benzoic acid	9.989	122	48536	17.101	ng		94
33) 4-Chloroaniline	10.866	127	110236	17.910	ng		97
34) Hexachlorobutadiene	11.025	225	157371	46.642	ng		97
35) Caprolactam	11.683	113	12208m	13.818	ng		
36) 4-Chloro-3-methylphenol	11.983	107	265952	48.836	ng		97
37) 2-Methylnaphthalene	12.354	142	596371	54.959	ng		96
38) 1-Methylnaphthalene	12.578	142	556590	52.016	ng		100
40) 1,2,4,5-Tetrachloroben...	12.725	216	294229	47.577	ng		98
41) Hexachlorocyclopentadiene	12.695	237	322253	97.803	ng		99
43) 2,4,6-Trichlorophenol	12.966	196	209443	51.156	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.036	196	225605	51.402	ng	97
46) 1,1'-Biphenyl	13.366	154	773651	48.531	ng	99
47) 2-Chloronaphthalene	13.413	162	598891	48.977	ng	99
48) 2-Nitroaniline	13.619	65	239640	55.277	ng	100
49) Acenaphthylene	14.254	152	986363	51.279	ng	99
50) Dimethylphthalate	13.995	163	799446	52.575	ng	99
51) 2,6-Dinitrotoluene	14.113	165	172909	55.734	ng	93
52) Acenaphthene	14.595	154	594707	50.993	ng	99
53) 3-Nitroaniline	14.448	138	77907	24.102	ng	97
54) 2,4-Dinitrophenol	14.648	184	158807	92.489	ng	94
55) Dibenzofuran	14.930	168	973712	50.230	ng	98
56) 4-Nitrophenol	14.760	139	101603	41.646	ng	94
57) 2,4-Dinitrotoluene	14.901	165	244064	59.672	ng	97
58) Fluorene	15.577	166	819268	53.700	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.154	232	203104	53.465	ng	99
60) Diethylphthalate	15.348	149	859144	56.050	ng	99
61) 4-Chlorophenyl-phenyle...	15.571	204	400441	51.500	ng	98
62) 4-Nitroaniline	15.607	138	163978	48.297	ng	97
63) Azobenzene	15.866	77	941081	53.149	ng	98
65) 4,6-Dinitro-2-methylph...	15.660	198	104720	41.480	ng	93
66) n-Nitrosodiphenylamine	15.789	169	705313	52.124	ng	99
67) 4-Bromophenyl-phenylether	16.460	248	243372	51.846	ng	96
68) Hexachlorobenzene	16.577	284	264266	51.948	ng	95
69) Atrazine	16.736	200	252782	91.320	ng	100
70) Pentachlorophenol	16.924	266	342961	122.690	ng	97
71) Phenanthrene	17.313	178	1292512	51.672	ng	100
72) Anthracene	17.407	178	1310699	53.632	ng	100
73) Carbazole	17.677	167	1192323	50.637	ng	99
74) Di-n-butylphthalate	18.230	149	1525182	59.210	ng	99
75) Fluoranthene	19.324	202	1457210	52.410	ng	99
77) Benzidine	19.512	184	35597	7.651	ng	98
78) Pyrene	19.683	202	1479666	61.214	ng	99
80) Butylbenzylphthalate	20.571	149	642270	67.381	ng	100
81) Benzo(a)anthracene	21.418	228	1164765	51.387	ng	99
82) 3,3'-Dichlorobenzidine	21.353	252	286008	27.858	ng	99
83) Chrysene	21.471	228	1119333	51.104	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	896954	67.226	ng	99
85) Di-n-octyl phthalate	22.236	149	1357163	60.997	ng	99
87) Indeno(1,2,3-cd)pyrene	26.130	276	884864	49.509	ng	98
88) Benzo(b)fluoranthene	23.053	252	978492	59.638	ng	99
89) Benzo(k)fluoranthene	23.100	252	894057	55.163	ng	97
90) Benzo(a)pyrene	23.653	252	868772	64.128	ng	99
91) Dibenzo(a,h)anthracene	26.141	278	764933	50.723	ng	98
92) Benzo(g,h,i)perylene	26.859	276	751325	50.941	ng	99

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

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