Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121621\
Data File : BM033481.D
Acq On : 16 Dec 2021 12:09
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 16 15:34:06 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 15:33:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	21394	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	84638	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	60629	20.000	ng		0.00
64) Phenanthrene-d10	17.336	188	125200	20.000	ng	#	0.00
76) Chrysene-d12	21.518	240	107792	20.000	ng		0.00
86) Perylene-d12	23.941	264	85250	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.507	112	13591	10.422	ng		0.00
7) Phenol-d6	7.107	99	17395	9.566	ng		0.00
23) Nitrobenzene-d5	9.113	82	20073	10.070	ng		0.00
42) 2,4,6-Tribromophenol	16.083	330	6787	10.465	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	49300	11.248	ng		0.00
79) Terphenyl-d14	19.959	244	74188	12.751	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	3858	6.638	ng		87
3) Pyridine	3.819	79	7554	5.119	ng	#	78
4) n-Nitrosodimethylamine	3.719	42	5502	6.397	ng	#	75
6) Aniline	7.272	93	10259	5.021	ng		95
8) 2-Chlorophenol	7.507	128	7481	5.439	ng		91
9) Benzaldehyde	7.090	77	7105	5.561	ng		93
10) Phenol	7.137	94	8630	4.754	ng		86
11) bis(2-Chloroethyl)ether	7.366	93	7692	5.399	ng		89
12) 1,3-Dichlorobenzene	7.825	146	9236m	5.714	ng		
13) 1,4-Dichlorobenzene	7.978	146	10066	6.128	ng		95
14) 1,2-Dichlorobenzene	8.295	146	9438	5.873	ng		95
15) Benzyl Alcohol	8.201	79	7156	4.757	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.484	45	14372	5.711	ng		98
17) 2-Methylphenol	8.395	107	6048	4.894	ng		95
18) Hexachloroethane	9.025	117	4066	6.304	ng	#	88
19) n-Nitroso-di-n-propyla...	8.754	70	7163	5.504	ng	#	92
20) 3+4-Methylphenols	8.731	107	7602	4.533	ng		97
22) Acetophenone	8.778	105	12668	5.532	ng	#	88
24) Nitrobenzene	9.160	77	10510	5.509	ng	#	86
25) Isophorone	9.684	82	18168	6.001	ng		96
26) 2-Nitrophenol	9.878	139	2977	4.246	ng	#	87
27) 2,4-Dimethylphenol	9.936	122	5697	5.101	ng		96
28) bis(2-Chloroethoxy)met...	10.172	93	8675	4.537	ng	#	95
29) 2,4-Dichlorophenol	10.419	162	5944	4.601	ng		93
30) 1,2,4-Trichlorobenzene	10.613	180	9339	6.135	ng		97
31) Naphthalene	10.801	128	25823	5.709	ng		98
32) Benzoic acid	10.019	122	2921	3.612	ng	#	71
33) 4-Chloroaniline	10.942	127	5823	3.320	ng		95
34) Hexachlorobutadiene	11.078	225	6566	6.829	ng		96
35) Caprolactam	11.754	113	1088	4.322	ng	#	67
36) 4-Chloro-3-methylphenol	12.054	107	7855	5.062	ng		99
37) 2-Methylnaphthalene	12.413	142	16974	5.489	ng	#	92
38) 1-Methylnaphthalene	12.630	142	17954	5.888	ng		93
40) 1,2,4,5-Tetrachloroben...	12.777	216	9422	5.259	ng		96
41) Hexachlorocyclopentadiene	12.754	237	3102	3.250	ng		89
43) 2,4,6-Trichlorophenol	13.030	196	5766	4.862	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.107	196	6342	4.988	ng		94
46) 1,1'-Biphenyl	13.424	154	24384	5.280	ng		98
47) 2-Chloronaphthalene	13.466	162	18743	5.291	ng		95
48) 2-Nitroaniline	13.683	65	5034	4.009	ng		86
49) Acenaphthylene	14.313	152	29758	5.341	ng		97
50) Dimethylphthalate	14.054	163	25952	5.892	ng	#	96
51) 2,6-Dinitrotoluene	14.172	165	4056	4.513	ng	#	69
52) Acenaphthene	14.648	154	18800	5.565	ng		97
53) 3-Nitroaniline	14.519	138	3430	3.663	ng	#	96
55) Dibenzofuran	14.989	168	31523	5.614	ng		92
57) 2,4-Dinitrotoluene	14.960	165	5431	4.584	ng	#	96
58) Fluorene	15.636	166	24983	5.653	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.218	232	5800	5.271	ng	#	96
60) Diethylphthalate	15.407	149	27068	6.096	ng		97
61) 4-Chlorophenyl-phenyle...	15.630	204	12542	5.568	ng		94
62) 4-Nitroaniline	15.695	138	1716	1.745	ng		85
63) Azobenzene	15.924	77	29632	5.777	ng		93
66) n-Nitrosodiphenylamine	15.848	169	19901	5.248	ng		98
67) 4-Bromophenyl-phenylether	16.530	248	7833	5.955	ng		93
68) Hexachlorobenzene	16.636	284	8471	5.942	ng		94
69) Atrazine	16.801	200	4331	5.583	ng		92
70) Pentachlorophenol	16.989	266	3738	4.772	ng	#	85
71) Phenanthrene	17.377	178	39357	5.615	ng		97
72) Anthracene	17.471	178	37823	5.523	ng		99
73) Carbazole	17.754	167	29812	4.518	ng		99
74) Di-n-butylphthalate	18.307	149	44156	6.117	ng	#	97
75) Fluoranthene	19.395	202	44267	5.682	ng		97
77) Benzidine	19.624	184	2571m	1.769	ng		
78) Pyrene	19.759	202	46070	6.103	ng		98
80) Butylbenzylphthalate	20.653	149	20549	6.903	ng		98
81) Benzo(a)anthracene	21.500	228	40833	5.768	ng		98
82) 3,3'-Dichlorobenzidine	21.447	252	13871	4.326	ng		99
83) Chrysene	21.553	228	38515	5.630	ng		98
84) Bis(2-ethylhexyl)phtha...	21.424	149	30568	7.336	ng		99
85) Di-n-octyl phthalate	22.359	149	50480	7.264	ng		96
87) Indeno(1,2,3-cd)pyrene	26.459	276	19483	3.332	ng	#	84
88) Benzo(b)fluoranthene	23.200	252	30025	5.594	ng		97
89) Benzo(k)fluoranthene	23.247	252	32926m	6.210	ng		
90) Benzo(a)pyrene	23.830	252	21875	4.936	ng	#	94
91) Dibenzo(a,h)anthracene	26.482	278	13979	2.833	ng		92
92) Benzo(g,h,i)perylene	27.229	276	20352	4.218	ng		96

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

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