Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
Data File : BF124853.D
Acq On : 29 Jul 2021 16:08
Operator : JU/CG
Sample : M3206-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MSD

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:52 PM

Quant Time: Jul 29 16:31:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	5895	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	23380	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	14221	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	27714	20.000	ng		0.00
76) Chrysene-d12	14.045	240	19403	20.000	ng	#	0.00
86) Perylene-d12	15.521	264	15641	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	39173	112.513	ng		0.02
7) Phenol-d6	6.510	99	56720	129.949	ng		0.01
23) Nitrobenzene-d5	7.439	82	37466	95.376	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	14916	122.161	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	76291	78.794	ng		0.00
79) Terphenyl-d14	12.986	244	97515	86.149	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	5414	44.486	ng	#	100
3) Pyridine	3.440	79	12290	42.659	ng		93
4) n-Nitrosodimethylamine	3.399	42	11268	49.457	ng		91
6) Aniline	6.534	93	23048	51.380	ng	#	93
8) 2-Chlorophenol	6.657	128	19364	49.311	ng		91
9) Benzaldehyde	6.422	77	11746	49.983	ng		94
10) Phenol	6.522	94	22845	54.655	ng		89
11) bis(2-Chloroethyl)ether	6.610	93	17734	53.510	ng		94
12) 1,3-Dichlorobenzene	6.816	146	20170	47.258	ng		96
13) 1,4-Dichlorobenzene	6.892	146	20542	48.110	ng		94
14) 1,2-Dichlorobenzene	7.045	146	19948	48.353	ng		97
15) Benzyl Alcohol	7.016	79	16402	57.144	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	29603	53.071	ng		94
17) 2-Methylphenol	7.128	107	15418	53.894	ng		95
18) Hexachloroethane	7.387	117	8670	53.572	ng		94
19) n-Nitroso-di-n-propyla...	7.292	70	14108	60.530	ng	#	86
20) 3+4-Methylphenols	7.281	107	20060	53.072	ng	#	79
22) Acetophenone	7.287	105	27965	51.615	ng		96
24) Nitrobenzene	7.457	77	20079	52.136	ng		92
25) Isophorone	7.698	82	37206	53.565	ng		93
26) 2-Nitrophenol	7.775	139	11134	52.197	ng	#	93
27) 2,4-Dimethylphenol	7.810	122	17584	53.573	ng		86
28) bis(2-Chloroethoxy)met...	7.904	93	23395	57.959	ng		98
29) 2,4-Dichlorophenol	8.016	162	17113	49.230	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	18565	48.728	ng		98
31) Naphthalene	8.181	128	57353	47.006	ng		99
32) Benzoic acid	7.945	122	11666	45.920	ng		98
33) 4-Chloroaniline	8.228	127	14630	31.887	ng		97
34) Hexachlorobutadiene	8.292	225	11228	49.301	ng		96
35) Caprolactam	8.610	113	6029m	66.730	ng		
36) 4-Chloro-3-methylphenol	8.710	107	19795	59.701	ng		86
37) 2-Methylnaphthalene	8.869	142	41341	50.710	ng		97
38) 1-Methylnaphthalene	8.969	142	37456	48.498	ng		96
40) 1,2,4,5-Tetrachloroben...	9.039	216	19585	49.359	ng		95
41) Hexachlorocyclopentadiene	9.022	237	20348	86.678	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	13830	49.099	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	14427	49.882	ng		98
46) 1,1'-Biphenyl	9.339	154	49700	46.820	ng		95
47) 2-Chloronaphthalene	9.363	162	39556	47.072	ng		97
48) 2-Nitroaniline	9.457	65	12909	58.667	ng		92
49) Acenaphthylene	9.780	152	63202	48.770	ng		99
50) Dimethylphthalate	9.639	163	50891	51.972	ng		99
51) 2,6-Dinitrotoluene	9.704	165	11390	52.651	ng		97
52) Acenaphthene	9.951	154	37379	43.511	ng		95
53) 3-Nitroaniline	9.875	138	8674	38.112	ng		93
54) 2,4-Dinitrophenol	9.980	184	12675	101.324	ng		94
55) Dibenzofuran	10.122	168	60055	48.921	ng		98
56) 4-Nitrophenol	10.039	139	19549	108.772	ng	#	76
57) 2,4-Dinitrotoluene	10.110	165	15936	54.284	ng	#	93
58) Fluorene	10.469	166	47002	49.911	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	12030	52.668	ng	#	96
60) Diethylphthalate	10.339	149	55366	54.374	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	23045	50.622	ng		94
62) 4-Nitroaniline	10.492	138	11774	52.283	ng		93
63) Azobenzene	10.616	77	49219	54.637	ng		93
65) 4,6-Dinitro-2-methylph...	10.522	198	8721	48.591	ng	#	71
66) n-Nitrosodiphenylamine	10.580	169	41308	45.995	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	14881	50.629	ng	#	91
68) Hexachlorobenzene	11.016	284	16048	52.572	ng	#	87
69) Atrazine	11.110	200	14881	54.498	ng		91
70) Pentachlorophenol	11.210	266	18423	97.057	ng		96
71) Phenanthrene	11.433	178	72778	48.825	ng		99
72) Anthracene	11.486	178	75433	50.621	ng		98
73) Carbazole	11.639	167	66086	47.312	ng		99
74) Di-n-butylphthalate	11.963	149	99453	53.455	ng		100
75) Fluoranthene	12.621	202	79244	52.097	ng		98
77) Benzidine	12.739	184	35518	64.915	ng		98
78) Pyrene	12.851	202	78504	51.107	ng		98
80) Butylbenzylphthalate	13.463	149	41928	56.989	ng		99
81) Benzo(a)anthracene	14.033	228	60715	47.871	ng		97
82) 3,3'-Dichlorobenzidine	13.998	252	16872	47.934	ng		100
83) Chrysene	14.074	228	57787	47.292	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	62873	58.017	ng		99
85) Di-n-octyl phthalate	14.627	149	94569	53.777	ng		99
87) Indeno(1,2,3-cd)pyrene	17.009	276	51662	57.212	ng		93
88) Benzo(b)fluoranthene	15.092	252	51065	46.370	ng		97
89) Benzo(k)fluoranthene	15.121	252	48092	47.795	ng		98
90) Benzo(a)pyrene	15.462	252	47314	51.432	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	43917	55.555	ng		95
92) Benzo(g,h,i)perylene	17.474	276	42087	56.144	ng	#	91

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

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