Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071521\
Data File : BF124577.D
Acq On : 15 Jul 2021 17:52
Operator : JU/CG
Sample : M3049-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-024-ABCDMSD

Manual Integrations APPROVED
mohammad
7/16/2021 10:55:40 AM

Quant Time: Jul 15 18:27:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	5266	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	21950	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	12592	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	21163	20.000	ng		0.00
76) Chrysene-d12	14.098	240	10767	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	10448	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	32580	107.192	ng		0.00
7) Phenol-d6	6.545	99	37537	101.521	ng		0.00
23) Nitrobenzene-d5	7.487	82	22417	64.470	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	10150	103.583	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	53128	61.526	ng		0.00
79) Terphenyl-d14	13.039	244	49644	77.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	5250	51.837	ng	#	100
3) Pyridine	3.546	79	11391	44.674	ng		95
4) n-Nitrosodimethylamine	3.510	42	12049	58.139	ng	#	96
6) Aniline	6.587	93	19549	50.179	ng		97
8) 2-Chlorophenol	6.710	128	19718	57.867	ng		98
9) Benzaldehyde	6.475	77	8956	41.288	ng		86
10) Phenol	6.557	94	20567	56.974	ng		96
11) bis(2-Chloroethyl)ether	6.657	93	16228	57.985	ng		92
12) 1,3-Dichlorobenzene	6.869	146	21326	57.182	ng		94
13) 1,4-Dichlorobenzene	6.945	146	21206	55.669	ng		98
14) 1,2-Dichlorobenzene	7.098	146	20452	56.496	ng		100
15) Benzyl Alcohol	7.063	79	13397	52.365	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	7.198	45	28588	59.265	ng		98
17) 2-Methylphenol	7.169	107	14665	58.797	ng		96
18) Hexachloroethane	7.440	117	8018	55.895	ng		92
19) n-Nitroso-di-n-propyla...	7.340	70	11867	57.086	ng	#	89
20) 3+4-Methylphenols	7.322	107	19157	58.338	ng		87
22) Acetophenone	7.334	105	26869	53.938	ng	#	94
24) Nitrobenzene	7.510	77	17381	50.412	ng		96
25) Isophorone	7.745	82	31538	49.408	ng		99
26) 2-Nitrophenol	7.822	139	10583	56.902	ng		90
27) 2,4-Dimethylphenol	7.857	122	18172	58.964	ng		93
28) bis(2-Chloroethoxy)met...	7.957	93	20699	55.592	ng		96
29) 2,4-Dichlorophenol	8.063	162	16681	52.475	ng		94
30) 1,2,4-Trichlorobenzene	8.151	180	18001	51.170	ng		99
31) Naphthalene	8.234	128	59041	52.005	ng		98
32) Benzoic acid	7.916	122	1984	12.825	ng	#	81
33) 4-Chloroaniline	8.275	127	11587	27.008	ng		99
34) Hexachlorobutadiene	8.345	225	10692	53.846	ng		98
35) Caprolactam	8.651	113	3530m	43.902	ng		
36) 4-Chloro-3-methylphenol	8.751	107	17233	54.822	ng		93
37) 2-Methylnaphthalene	8.922	142	40659	53.073	ng		97
38) 1-Methylnaphthalene	9.022	142	36704	51.015	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	17555	52.271	ng		96
41) Hexachlorocyclopentadiene	9.081	237	25389	121.020	ng		91
43) 2,4,6-Trichlorophenol	9.198	196	12665	52.236	ng		97

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44) 2,4,5-Trichlorophenol	9.234	196	13111	52.431	ng		94
46) 1,1'-Biphenyl	9.386	154	49378	51.632	ng		98
47) 2-Chloronaphthalene	9.416	162	37474	49.977	ng		97
48) 2-Nitroaniline	9.504	65	9779	54.234	ng		89
49) Acenaphthylene	9.834	152	60288	51.524	ng		99
50) Dimethylphthalate	9.692	163	45806	52.285	ng	#	98
51) 2,6-Dinitrotoluene	9.751	165	9691	56.112	ng		96
52) Acenaphthene	10.004	154	38988	52.110	ng		96
53) 3-Nitroaniline	9.916	138	6798	35.273	ng		94
54) 2,4-Dinitrophenol	10.022	184	6362	70.595	ng		84
55) Dibenzofuran	10.175	168	54356	49.412	ng		99
56) 4-Nitrophenol	10.075	139	15264	95.161	ng		99
57) 2,4-Dinitrotoluene	10.157	165	13940	58.957	ng	#	82
58) Fluorene	10.522	166	42953	50.480	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.286	232	10178	52.702	ng	#	96
60) Diethylphthalate	10.392	149	49373	53.900	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	20205	52.314	ng		99
62) 4-Nitroaniline	10.539	138	10285	52.951	ng		84
63) Azobenzene	10.669	77	39100	48.832	ng		96
65) 4,6-Dinitro-2-methylph...	10.557	198	5250	43.427	ng		97
66) n-Nitrosodiphenylamine	10.628	169	37274	54.091	ng		95
67) 4-Bromophenyl-phenylether	11.004	248	12210	55.796	ng		97
68) Hexachlorobenzene	11.063	284	12832	57.233	ng		97
69) Atrazine	11.157	200	11156	52.860	ng		95
70) Pentachlorophenol	11.257	266	11250	79.327	ng		93
71) Phenanthrene	11.480	178	62423	54.065	ng		99
72) Anthracene	11.533	178	63404	54.739	ng		98
73) Carbazole	11.686	167	52474	49.028	ng		98
74) Di-n-butylphthalate	12.016	149	77329	53.635	ng		99
75) Fluoranthene	12.669	202	55702	47.817	ng		97
77) Benzidine	12.786	184	20083	49.894	ng		95
78) Pyrene	12.904	202	54478	60.900	ng		98
80) Butylbenzylphthalate	13.516	149	23860	55.165	ng		97
81) Benzo(a)anthracene	14.086	228	37816	52.958	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	7817	41.792	ng		99
83) Chrysene	14.127	228	36191	52.907	ng		99
84) Bis(2-ethylhexyl)phtha...	14.074	149	32380	55.760	ng		99
85) Di-n-octyl phthalate	14.692	149	57228	68.106	ng		99
87) Indeno(1,2,3-cd)pyrene	17.115	276	43356	71.551	ng		98
88) Benzo(b)fluoranthene	15.151	252	39399	52.537	ng		99
89) Benzo(k)fluoranthene	15.186	252	35262	51.248	ng		96
90) Benzo(a)pyrene	15.533	252	37568	60.688	ng		95
91) Dibenzo(a,h)anthracene	17.139	278	36806	71.362	ng		96
92) Benzo(g,h,i)perylene	17.580	276	35423	70.346	ng		93

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

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