Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073121\
Data File : BF124889.D
Acq On : 31 Jul 2021 13:04
Operator : JU/CG
Sample : PB138079BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138079BS

Manual Integrations APPROVED
mohammad
8/2/2021 3:48:06 PM

Quant Time: Aug 02 02:33:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 02:31:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	6834	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	26560	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	14764	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	26390	20.000	ng	0.00
76) Chrysene-d12	14.021	240	18979	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	14919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	51691	128.067	ng	0.02
7) Phenol-d6	6.493	99	63572	125.635	ng	0.00
23) Nitrobenzene-d5	7.422	82	35668	79.928	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	15928	125.652	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	70248	69.884	ng	0.00
79) Terphenyl-d14	12.963	244	72714	65.674	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	7708	54.633	ng	# 100
3) Pyridine	3.528	79	15854	47.468	ng	# 87
4) n-Nitrosodimethylamine	3.487	42	13104	49.613	ng	# 95
6) Aniline	6.522	93	20439	39.304	ng	95
8) 2-Chlorophenol	6.645	128	21089	46.324	ng	90
9) Benzaldehyde	6.410	77	10487	38.494	ng	93
10) Phenol	6.504	94	25372	52.361	ng	90
11) bis(2-Chloroethyl)ether	6.598	93	19712	51.306	ng	98
12) 1,3-Dichlorobenzene	6.798	146	22712	45.902	ng	95
13) 1,4-Dichlorobenzene	6.875	146	23645	47.768	ng	95
14) 1,2-Dichlorobenzene	7.028	146	22658	47.375	ng	98
15) Benzyl Alcohol	6.998	79	17278	51.925	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.128	45	31974	49.445	ng	92
17) 2-Methylphenol	7.110	107	16537	49.863	ng	95
18) Hexachloroethane	7.369	117	9494	50.603	ng	# 84
19) n-Nitroso-di-n-propyla...	7.275	70	14819	54.845	ng	85
20) 3+4-Methylphenols	7.263	107	21965	50.127	ng	# 84
22) Acetophenone	7.269	105	30569	49.666	ng	# 92
24) Nitrobenzene	7.440	77	22355	51.096	ng	93
25) Isophorone	7.681	82	38352	48.604	ng	# 91
26) 2-Nitrophenol	7.757	139	11083	45.737	ng	# 82
27) 2,4-Dimethylphenol	7.792	122	19387	51.994	ng	93
28) bis(2-Chloroethoxy)met...	7.887	93	24438	53.295	ng	97
29) 2,4-Dichlorophenol	7.998	162	18351	46.470	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	19844	45.849	ng	98
31) Naphthalene	8.163	128	63393	45.736	ng	98
32) Benzoic acid	7.928	122	9755	33.800	ng	# 76
33) 4-Chloroaniline	8.210	127	13881	26.632	ng	# 94
34) Hexachlorobutadiene	8.275	225	12253	47.360	ng	97
35) Caprolactam	8.586	113	4717m	45.958	ng	
36) 4-Chloro-3-methylphenol	8.692	107	19125	50.775	ng	93
37) 2-Methylnaphthalene	8.851	142	41363	44.662	ng	100
38) 1-Methylnaphthalene	8.951	142	37871	43.165	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	19454	47.226	ng	97
41) Hexachlorocyclopentadiene	9.004	237	22677	93.047	ng	95
43) 2,4,6-Trichlorophenol	9.134	196	13327	45.573	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	12877	42.886	ng		99
46) 1,1'-Biphenyl	9.316	154	49690	45.089	ng		95
47) 2-Chloronaphthalene	9.345	162	39315	45.064	ng		98
48) 2-Nitroaniline	9.439	65	12162	53.240	ng		89
49) Acenaphthylene	9.763	152	63165	46.949	ng		98
50) Dimethylphthalate	9.622	163	46605	45.844	ng	#	98
51) 2,6-Dinitrotoluene	9.681	165	10202	45.425	ng	#	79
52) Acenaphthene	9.933	154	36375	40.785	ng		99
53) 3-Nitroaniline	9.851	138	6613	27.988	ng	#	79
54) 2,4-Dinitrophenol	9.963	184	9170	70.609	ng		95
55) Dibenzofuran	10.104	168	55550	43.587	ng		98
56) 4-Nitrophenol	10.016	139	15140	81.142	ng	#	78
57) 2,4-Dinitrotoluene	10.086	165	14141	46.398	ng	#	94
58) Fluorene	10.445	166	43151	44.136	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	10176	42.912	ng	#	94
60) Diethylphthalate	10.316	149	48157	45.554	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	21203	44.862	ng		99
62) 4-Nitroaniline	10.469	138	9955	42.580	ng		97
63) Azobenzene	10.598	77	44574	47.661	ng		93
65) 4,6-Dinitro-2-methylph...	10.498	198	5776	33.797	ng		93
66) n-Nitrosodiphenylamine	10.557	169	37611	43.979	ng		97
67) 4-Bromophenyl-phenylether	10.928	248	12868	45.977	ng		96
68) Hexachlorobenzene	10.992	284	13969	48.057	ng		91
69) Atrazine	11.086	200	12765	49.094	ng		94
70) Pentachlorophenol	11.186	266	13675	75.658	ng		94
71) Phenanthrene	11.410	178	62532	44.056	ng		99
72) Anthracene	11.463	178	65568	46.208	ng		100
73) Carbazole	11.616	167	56550	42.516	ng		96
74) Di-n-butylphthalate	11.939	149	75751	42.758	ng		99
75) Fluoranthene	12.598	202	64450	44.497	ng		98
77) Benzidine	12.716	184	31367	58.609	ng		98
78) Pyrene	12.827	202	65339	43.486	ng		99
80) Butylbenzylphthalate	13.439	149	30603	42.525	ng		97
81) Benzo(a)anthracene	14.010	228	54278	43.752	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	10857	31.534	ng		98
83) Chrysene	14.051	228	52698	44.091	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	44700	42.169	ng		98
85) Di-n-octyl phthalate	14.604	149	71966	41.838	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	36683	42.590	ng	#	91
88) Benzo(b)fluoranthene	15.063	252	45203	43.034	ng		98
89) Benzo(k)fluoranthene	15.092	252	43839	45.676	ng		98
90) Benzo(a)pyrene	15.427	252	40101	45.701	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	31625	41.942	ng		96
92) Benzo(g,h,i)perylene	17.415	276	30632	42.841	ng	#	87

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

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