Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
Data File : BF125459.D
Acq On : 13 Sep 2021 23:30
Operator : JU/CG
Sample : M3707-01MS 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-091021MS

Manual Integrations APPROVED
mohammad
9/14/2021 2:48:47 PM

Quant Time: Sep 14 03:31:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 13 12:03:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	155716	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	550402	20.000	ng	#	0.00
39) Acenaphthene-d10	9.928	164	253799	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	427519	20.000	ng		0.00
76) Chrysene-d12	14.068	240	283295	20.000	ng	#	0.00
86) Perylene-d12	15.568	264	225428	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	281811	27.393	ng		0.00
7) Phenol-d6	6.522	99	358681	26.958	ng		-0.01
23) Nitrobenzene-d5	7.445	82	213474	19.526	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	91183	35.991	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	389118	21.368	ng		0.00
79) Terphenyl-d14	13.004	244	423688	23.826	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	94856	18.685	ng	#	100
3) Pyridine	3.463	79	202149	15.084	ng	#	90
4) n-Nitrosodimethylamine	3.410	42	120966	18.038	ng	#	38
6) Aniline	6.551	93	236159	15.110	ng	#	92
8) 2-Chlorophenol	6.675	128	201616	19.211	ng		81
9) Benzaldehyde	6.440	77	140752	15.074	ng		92
10) Phenol	6.534	94	286406	20.555	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	217910	19.857	ng		84
12) 1,3-Dichlorobenzene	6.828	146	232166	19.090	ng		97
13) 1,4-Dichlorobenzene	6.904	146	239875	19.795	ng		97
14) 1,2-Dichlorobenzene	7.057	146	226425	19.861	ng		99
15) Benzyl Alcohol	7.028	79	178393	17.414	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	382602	17.385	ng		89
17) 2-Methylphenol	7.145	107	169562	19.233	ng		95
18) Hexachloroethane	7.398	117	70718	16.666	ng	#	86
19) n-Nitroso-di-n-propyla...	7.292	70	146346	18.286	ng	#	80
20) 3+4-Methylphenols	7.298	107	206236	18.636	ng	#	64
22) Acetophenone	7.292	105	288949	20.398	ng	#	91
24) Nitrobenzene	7.469	77	223543	18.765	ng		90
25) Isophorone	7.704	82	377721	17.909	ng	#	88
26) 2-Nitrophenol	7.787	139	92903	19.531	ng	#	80
27) 2,4-Dimethylphenol	7.828	122	171252	20.565	ng		90
28) bis(2-Chloroethoxy)met...	7.916	93	243888	20.885	ng	#	97
29) 2,4-Dichlorophenol	8.034	162	161318	18.995	ng		96
30) 1,2,4-Trichlorobenzene	8.110	180	181231	19.569	ng		94
31) Naphthalene	8.192	128	550502	19.530	ng		98
32) Benzoic acid	7.934	122	94517	16.722	ng	#	84
33) 4-Chloroaniline	8.245	127	140940	12.683	ng	#	93
34) Hexachlorobutadiene	8.304	225	114740	19.430	ng		98
35) Caprolactam	8.598	113	46922	21.331	ng	#	50
36) 4-Chloro-3-methylphenol	8.728	107	158702	18.305	ng		90
37) 2-Methylnaphthalene	8.886	142	366008	19.650	ng		99
38) 1-Methylnaphthalene	8.986	142	330580	19.005	ng		97
40) 1,2,4,5-Tetrachloroben...	9.051	216	174021	20.986	ng	#	96
41) Hexachlorocyclopentadiene	9.033	237	19545	4.486	ng		95
43) 2,4,6-Trichlorophenol	9.163	196	109023	18.673	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	115210	18.756	ng		91
46) 1,1'-Biphenyl	9.345	154	396516	19.379	ng		96
47) 2-Chloronaphthalene	9.375	162	317281	19.081	ng		95
48) 2-Nitroaniline	9.475	65	111431	21.619	ng		88
49) Acenaphthylene	9.792	152	497466	20.531	ng		99
50) Dimethylphthalate	9.645	163	362597	20.616	ng	#	98
51) 2,6-Dinitrotoluene	9.710	165	69907	18.330	ng	#	82
52) Acenaphthene	9.963	154	288070	19.178	ng		98
53) 3-Nitroaniline	9.886	138	78812	19.163	ng		85
54) 2,4-Dinitrophenol	9.998	184	7416	4.923	ng	#	87
55) Dibenzofuran	10.133	168	425010	19.661	ng		96
56) 4-Nitrophenol	10.057	139	100698	30.919	ng	#	79
57) 2,4-Dinitrotoluene	10.116	165	86387	18.716	ng	#	98
58) Fluorene	10.480	166	355911	22.270	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	81918	17.971	ng	#	82
60) Diethylphthalate	10.345	149	337041	19.657	ng		96
61) 4-Chlorophenyl-phenyle...	10.469	204	159071	19.686	ng	#	86
62) 4-Nitroaniline	10.498	138	80028	21.639	ng	#	78
63) Azobenzene	10.627	77	323327	16.812	ng		91
65) 4,6-Dinitro-2-methylph...	10.528	198	7833	3.462	ng		93
66) n-Nitrosodiphenylamine	10.586	169	290523	18.979	ng		94
67) 4-Bromophenyl-phenylether	10.957	248	99789	19.438	ng		94
68) Hexachlorobenzene	11.027	284	104644	19.814	ng	#	82
69) Atrazine	11.110	200	89427	20.358	ng		93
70) Pentachlorophenol	11.227	266	92589	30.025	ng		90
71) Phenanthrene	11.445	178	907047	38.505	ng		98
72) Anthracene	11.498	178	606201	26.108	ng		99
73) Carbazole	11.651	167	435071	20.505	ng		98
74) Di-n-butylphthalate	11.974	149	496159	19.705	ng		99
75) Fluoranthene	12.639	202	1182172	50.577	ng		97
77) Benzidine	12.757	184	193245	19.531	ng		98
78) Pyrene	12.869	202	1185796	48.796	ng		96
80) Butylbenzylphthalate	13.480	149	201652	21.118	ng		94
81) Benzo(a)anthracene	14.057	228	704242	34.502	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	123454	19.512	ng	#	95
83) Chrysene	14.098	228	638010	31.606	ng		97
84) Bis(2-ethylhexyl)phtha...	14.033	149	277804	21.168	ng		100
85) Di-n-octyl phthalate	14.651	149	423009	19.379	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	386092	23.774	ng	#	89
88) Benzo(b)fluoranthene	15.127	252	560486	34.032	ng	#	95
89) Benzo(k)fluoranthene	15.157	252	413097m	26.880	ng		
90) Benzo(a)pyrene	15.504	252	503396m	34.603	ng		
91) Dibenzo(a,h)anthracene	17.092	278	260512m	18.557	ng		
92) Benzo(g,h,i)perylene	17.539	276	341305	25.215	ng	#	88

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

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