Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
Data File : BF125088.D
Acq On : 18 Aug 2021 14:36
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
8/19/2021 1:26:48 PM

Quant Time: Aug 18 15:10:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 15:07:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	136970	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	481080	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	232258	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	388387	20.000	ng	#	0.00
76) Chrysene-d12	14.086	240	242037	20.000	ng		0.00
86) Perylene-d12	15.580	264	235867	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	795016	86.713	ng		0.00
7) Phenol-d6	6.545	99	1024565	90.852	ng		0.00
23) Nitrobenzene-d5	7.486	82	878253	101.006	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	217103	100.121	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	1423651	81.701	ng		0.00
79) Terphenyl-d14	13.033	244	1367823	81.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	206485	44.367	ng	#	100
3) Pyridine	3.481	79	539368	42.699	ng	#	89
4) n-Nitrosodimethylamine	3.440	42	272001	40.155	ng	#	47
6) Aniline	6.587	93	611797m	42.962	ng		
8) 2-Chlorophenol	6.710	128	411458	44.829	ng		86
9) Benzaldehyde	6.475	77	339917	39.849	ng		93
10) Phenol	6.557	94	536941	42.589	ng		98
11) bis(2-Chloroethyl)ether	6.657	93	429445	44.713	ng		85
12) 1,3-Dichlorobenzene	6.863	146	470017	48.050	ng		94
13) 1,4-Dichlorobenzene	6.939	146	475047	48.477	ng		97
14) 1,2-Dichlorobenzene	7.092	146	436274	46.240	ng		97
15) Benzyl Alcohol	7.057	79	405460	44.080	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.198	45	869602	40.575	ng		99
17) 2-Methylphenol	7.163	107	345169	41.935	ng		96
18) Hexachloroethane	7.439	117	171755	46.516	ng	#	85
19) n-Nitroso-di-n-propyla...	7.334	70	310013	42.347	ng	#	81
20) 3+4-Methylphenols	7.322	107	427848	40.751	ng		97
22) Acetophenone	7.334	105	540298	43.315	ng	#	96
24) Nitrobenzene	7.504	77	482558	49.127	ng	#	87
25) Isophorone	7.745	82	831569	43.936	ng	#	90
26) 2-Nitrophenol	7.822	139	205586	57.083	ng	#	85
27) 2,4-Dimethylphenol	7.851	122	334161	45.913	ng		91
28) bis(2-Chloroethoxy)met...	7.951	93	460507	45.475	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	341261	50.491	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	367906	51.532	ng		96
31) Naphthalene	8.228	128	1091998	45.204	ng		100
32) Benzoic acid	7.945	122	255723	52.712	ng	#	84
33) 4-Chloroaniline	8.275	127	443441	45.341	ng	#	94
34) Hexachlorobutadiene	8.345	225	234250	57.730	ng		99
35) Caprolactam	8.639	113	91186	41.558	ng	#	43
36) 4-Chloro-3-methylphenol	8.745	107	347583	44.013	ng		94
37) 2-Methylnaphthalene	8.916	142	724220	45.808	ng		97
38) 1-Methylnaphthalene	9.016	142	671581	44.913	ng		96
40) 1,2,4,5-Tetrachloroben...	9.080	216	338757	51.747	ng		98
41) Hexachlorocyclopentadiene	9.069	237	189219	58.146	ng		98
43) 2,4,6-Trichlorophenol	9.192	196	248164	52.657	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	259286	51.703	ng		93
46) 1,1'-Biphenyl	9.380	154	830008	42.646	ng		98
47) 2-Chloronaphthalene	9.410	162	684350	45.964	ng		96
48) 2-Nitroaniline	9.498	65	231370	48.242	ng	#	79
49) Acenaphthylene	9.822	152	995854	41.343	ng		98
50) Dimethylphthalate	9.680	163	729339	45.617	ng	#	97
51) 2,6-Dinitrotoluene	9.739	165	166228	52.477	ng	#	80
52) Acenaphthene	9.998	154	614772	42.017	ng		98
53) 3-Nitroaniline	9.910	138	177685	44.990	ng	#	77
54) 2,4-Dinitrophenol	10.010	184	72007	56.200	ng	#	88
55) Dibenzofuran	10.169	168	876191	40.898	ng		98
56) 4-Nitrophenol	10.051	139	146074	45.767	ng	#	74
57) 2,4-Dinitrotoluene	10.139	165	207569	55.029	ng	#	91
58) Fluorene	10.510	166	641330	41.148	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	191044	52.635	ng	#	88
60) Diethylphthalate	10.380	149	708031	41.501	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	325006	46.020	ng		89
62) 4-Nitroaniline	10.522	138	159036	44.457	ng	#	81
63) Azobenzene	10.663	77	800126	41.297	ng		92
65) 4,6-Dinitro-2-methylph...	10.545	198	103305	60.991	ng		96
66) n-Nitrosodiphenylamine	10.622	169	621625	44.865	ng		97
67) 4-Bromophenyl-phenylether	10.992	248	210052	51.322	ng		92
68) Hexachlorobenzene	11.057	284	218125	48.500	ng	#	86
69) Atrazine	11.145	200	183096	50.170	ng		92
70) Pentachlorophenol	11.245	266	136161	51.755	ng		91
71) Phenanthrene	11.474	178	950545	45.668	ng		98
72) Anthracene	11.521	178	949958	45.822	ng		99
73) Carbazole	11.674	167	863078	40.213	ng		100
74) Di-n-butylphthalate	12.010	149	1039785	43.064	ng		99
75) Fluoranthene	12.663	202	948716	45.802	ng		98
77) Benzidine	12.780	184	412152	39.609	ng		98
78) Pyrene	12.892	202	963925	39.762	ng		97
80) Butylbenzylphthalate	13.510	149	388922	39.852	ng		95
81) Benzo(a)anthracene	14.080	228	790775	51.409	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	254479	49.276	ng		99
83) Chrysene	14.115	228	782513	50.117	ng		98
84) Bis(2-ethylhexyl)phtha...	14.062	149	519949	44.879	ng		99
85) Di-n-octyl phthalate	14.680	149	876106	52.226	ng		100
87) Indeno(1,2,3-cd)pyrene	17.098	276	879073	107.571	ng		93
88) Benzo(b)fluoranthene	15.145	252	784552	49.013	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	743491	49.066	ng		98
90) Benzo(a)pyrene	15.521	252	720571	53.715	ng	#	95
91) Dibenzo(a,h)anthracene	17.115	278	749176	96.584	ng		96
92) Benzo(g,h,i)perylene	17.556	276	739643	99.502	ng		91

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

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