Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125067.D
Acq On : 17 Aug 2021 12:32
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
8/18/2021 4:30:54 PM

Quant Time: Aug 17 14:09:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 17 14:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	122115	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	445522	20.000	ng	#	0.00
39) Acenaphthene-d10	9.957	164	187869	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	294384	20.000	ng		0.00
76) Chrysene-d12	14.080	240	142991	20.000	ng		0.00
86) Perylene-d12	15.574	264	74550	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	207237	27.800	ng		-0.01
7) Phenol-d6	6.528	99	247946	26.378	ng		-0.01
23) Nitrobenzene-d5	7.475	82	177307	20.819	ng		-0.01
42) 2,4,6-Tribromophenol	10.745	330	34777	20.720	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	348531	27.146	ng		0.00
79) Terphenyl-d14	13.027	244	241470	28.485	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	48363	17.341	ng	#	100
3) Pyridine	3.481	79	129224	19.941	ng		88
4) n-Nitrosodimethylamine	3.422	42	67505	14.669	ng	#	53
6) Aniline	6.575	93	146301m	14.735	ng		
8) 2-Chlorophenol	6.698	128	101764	12.445	ng	#	80
9) Benzaldehyde	6.469	77	91604	17.912	ng		93
10) Phenol	6.540	94	136118	14.035	ng		97
11) bis(2-Chloroethyl)ether	6.645	93	104464	14.358	ng	#	80
12) 1,3-Dichlorobenzene	6.863	146	108788	12.223	ng		99
13) 1,4-Dichlorobenzene	6.940	146	109405	12.297	ng		94
14) 1,2-Dichlorobenzene	7.092	146	102222	12.260	ng		96
15) Benzyl Alcohol	7.051	79	95909	14.145	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.192	45	229228	19.665	ng		97
17) 2-Methylphenol	7.157	107	86907	14.198	ng		97
18) Hexachloroethane	7.434	117	38703	11.111	ng		94
19) n-Nitroso-di-n-propyla...	7.322	70	76810	13.772	ng	#	83
20) 3+4-Methylphenols	7.310	107	111738	13.752	ng	#	86
22) Acetophenone	7.322	105	147322	13.502	ng		94
24) Nitrobenzene	7.492	77	101999	12.377	ng	#	84
25) Isophorone	7.734	82	198497	13.656	ng	#	88
26) 2-Nitrophenol	7.816	139	30468	7.281	ng	#	79
27) 2,4-Dimethylphenol	7.845	122	80134	13.508	ng		93
28) bis(2-Chloroethoxy)met...	7.945	93	113773	13.753	ng	#	96
29) 2,4-Dichlorophenol	8.051	162	72091	10.908	ng		97
30) 1,2,4-Trichlorobenzene	8.139	180	78672	10.622	ng		99
31) Naphthalene	8.222	128	277636	12.129	ng		98
32) Benzoic acid	7.898	122	30187	9.845	ng		92
33) 4-Chloroaniline	8.269	127	106716	12.510	ng	#	92
34) Hexachlorobutadiene	8.345	225	44742	10.115	ng		97
35) Caprolactam	8.598	113	18964	10.805	ng	#	47
36) 4-Chloro-3-methylphenol	8.734	107	80599	11.658	ng		88
37) 2-Methylnaphthalene	8.916	142	175774	11.421	ng		98
38) 1-Methylnaphthalene	9.016	142	166493	11.562	ng		94
40) 1,2,4,5-Tetrachloroben...	9.081	216	67803	12.574	ng		98
41) Hexachlorocyclopentadiene	9.069	237	30038	22.936	ng		94
43) 2,4,6-Trichlorophenol	9.186	196	44409	12.371	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	46849	12.892	ng		94
46) 1,1'-Biphenyl	9.381	154	197694	14.121	ng		98
47) 2-Chloronaphthalene	9.404	162	153198	13.754	ng		99
48) 2-Nitroaniline	9.492	65	34575	10.567	ng	#	81
49) Acenaphthylene	9.816	152	241092	14.250	ng		99
50) Dimethylphthalate	9.669	163	150003	11.782	ng		99
51) 2,6-Dinitrotoluene	9.733	165	24625	8.686	ng	#	75
52) Acenaphthene	9.992	154	143816	14.022	ng		98
53) 3-Nitroaniline	9.898	138	30335	10.159	ng	#	67
54) 2,4-Dinitrophenol	10.004	184	5633	4.553	ng	#	82
55) Dibenzofuran	10.163	168	215880	13.468	ng		93
56) 4-Nitrophenol	10.039	139	22698	11.532	ng	#	73
57) 2,4-Dinitrotoluene	10.133	165	26402	6.860	ng	#	92
58) Fluorene	10.504	166	157946	12.851	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.275	232	31005	11.372	ng	#	99
60) Diethylphthalate	10.375	149	155008	11.864	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	69932	12.048	ng		89
62) 4-Nitroaniline	10.504	138	25074	8.649	ng	#	84
63) Azobenzene	10.657	77	183154	14.336	ng		90
65) 4,6-Dinitro-2-methylph...	10.533	198	7470	4.050	ng	#	68
66) n-Nitrosodiphenylamine	10.610	169	131720	13.805	ng		98
67) 4-Bromophenyl-phenylether	10.986	248	37869	11.745	ng	#	91
68) Hexachlorobenzene	11.051	284	40028	11.411	ng		91
69) Atrazine	11.133	200	31838	11.105	ng		94
70) Pentachlorophenol	11.239	266	19746	13.169	ng		95
71) Phenanthrene	11.469	178	192238	12.038	ng		98
72) Anthracene	11.516	178	193037	12.050	ng		98
73) Carbazole	11.669	167	196057	13.345	ng		97
74) Di-n-butylphthalate	12.004	149	214448	11.486	ng		99
75) Fluoranthene	12.657	202	176040	10.656	ng		96
77) Benzidine	12.774	184	69904	18.271	ng		97
78) Pyrene	12.886	202	179928	15.975	ng		99
80) Butylbenzylphthalate	13.504	149	64620	12.892	ng		88
81) Benzo(a)anthracene	14.074	228	102192	10.967	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	37062	15.086	ng	#	95
83) Chrysene	14.110	228	108627	12.059	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	76773	11.042	ng	#	95
85) Di-n-octyl phthalate	14.680	149	89442	8.154	ng		97
87) Indeno(1,2,3-cd)pyrene	17.080	276	26175	5.896	ng		97
88) Benzo(b)fluoranthene	15.133	252	56947	10.879	ng		100
89) Benzo(k)fluoranthene	15.163	252	51898	10.899	ng	#	96
90) Benzo(a)pyrene	15.510	252	42682	9.575	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	23407	5.997	ng		97
92) Benzo(g,h,i)perylene	17.533	276	20579	5.496	ng		97

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

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