Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
Data File : BF125084.D
Acq On : 18 Aug 2021 12:25
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
8/19/2021 1:26:43 PM

Quant Time: Aug 18 17:02:31 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 16:59:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	118390	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	444996	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	224044	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	370547	20.000	ng	0.00
76) Chrysene-d12	14.080	240	236725	20.000	ng	0.00
86) Perylene-d12	15.580	264	203454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	90980	11.632	ng	-0.01
7) Phenol-d6	6.528	99	120365	11.898	ng	-0.01
23) Nitrobenzene-d5	7.475	82	92016	10.410	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	21297	9.523	ng	-0.01
45) 2-Fluorobiphenyl	9.274	172	196402	12.218	ng	0.00
79) Terphenyl-d14	13.027	244	171133	11.517	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	19686	5.100	ng	# 100
3) Pyridine	3.487	79	53191m	5.219	ng	
4) n-Nitrosodimethylamine	3.416	42	26414	5.181	ng	# 50
6) Aniline	6.575	93	67169	5.653	ng	95
8) 2-Chlorophenol	6.698	128	44773	5.611	ng	84
9) Benzaldehyde	6.469	77	40294	5.676	ng	92
10) Phenol	6.539	94	61351	5.791	ng	97
11) bis(2-Chloroethyl)ether	6.645	93	47633	5.709	ng	85
12) 1,3-Dichlorobenzene	6.863	146	53719	5.810	ng	97
13) 1,4-Dichlorobenzene	6.939	146	53290	5.784	ng	96
14) 1,2-Dichlorobenzene	7.086	146	51610	5.954	ng	97
15) Benzyl Alcohol	7.051	79	43091	5.532	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.192	45	94491	5.647	ng	98
17) 2-Methylphenol	7.157	107	37864	5.649	ng	98
18) Hexachloroethane	7.433	117	17715	5.491	ng	93
19) n-Nitroso-di-n-propyla...	7.316	70	35836	5.890	ng	# 82
20) 3+4-Methylphenols	7.304	107	49591	5.894	ng	# 80
22) Acetophenone	7.322	105	67497	5.894	ng	97
24) Nitrobenzene	7.492	77	50491	5.242	ng	# 84
25) Isophorone	7.733	82	93472	5.482	ng	# 90
26) 2-Nitrophenol	7.816	139	16867	4.386	ng	# 84
27) 2,4-Dimethylphenol	7.839	122	36244	5.383	ng	87
28) bis(2-Chloroethoxy)met...	7.945	93	53329	5.648	ng	# 93
29) 2,4-Dichlorophenol	8.045	162	36767	5.355	ng	93
30) 1,2,4-Trichlorobenzene	8.139	180	41757	5.577	ng	95
31) Naphthalene	8.222	128	132499	5.814	ng	97
32) Benzoic acid	7.886	122	17622	3.715	ng	96
33) 4-Chloroaniline	8.269	127	50802	5.655	ng	# 93
34) Hexachlorobutadiene	8.339	225	26859	5.626	ng	96
35) Caprolactam	8.586	113	8807	4.952	ng	# 30
36) 4-Chloro-3-methylphenol	8.733	107	36777	5.247	ng	92
37) 2-Methylnaphthalene	8.916	142	87258	5.794	ng	98
38) 1-Methylnaphthalene	9.016	142	81992	5.830	ng	95
40) 1,2,4,5-Tetrachloroben...	9.080	216	40303	5.506	ng	97
41) Hexachlorocyclopentadiene	9.069	237	18037	4.690	ng	97
43) 2,4,6-Trichlorophenol	9.186	196	26165	5.077	ng	89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	27967	5.158	ng	#	88
46) 1,1'-Biphenyl	9.374	154	103754	5.744	ng		94
47) 2-Chloronaphthalene	9.404	162	81007	5.519	ng		97
48) 2-Nitroaniline	9.492	65	19880	4.369	ng	#	78
49) Acenaphthylene	9.816	152	118039	5.519	ng		99
50) Dimethylphthalate	9.669	163	83807	5.398	ng	#	99
51) 2,6-Dinitrotoluene	9.733	165	15676	4.656	ng		88
52) Acenaphthene	9.992	154	71661	5.404	ng		97
53) 3-Nitroaniline	9.898	138	16957	4.671	ng	#	71
55) Dibenzofuran	10.163	168	108464	5.684	ng		94
56) 4-Nitrophenol	10.039	139	12253	4.262	ng	#	73
57) 2,4-Dinitrotoluene	10.133	165	16999	4.172	ng	#	91
58) Fluorene	10.504	166	82408	5.841	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.274	232	21286	5.290	ng	#	83
60) Diethylphthalate	10.369	149	81770	5.402	ng		98
61) 4-Chlorophenyl-phenyle...	10.498	204	40852	5.727	ng	#	84
62) 4-Nitroaniline	10.504	138	15182	4.650	ng	#	78
63) Azobenzene	10.657	77	91743	5.404	ng		89
66) n-Nitrosodiphenylamine	10.610	169	73946	5.573	ng		95
67) 4-Bromophenyl-phenylether	10.986	248	23846	5.359	ng		95
68) Hexachlorobenzene	11.051	284	24350	5.320	ng	#	86
69) Atrazine	11.133	200	19808	5.203	ng		90
70) Pentachlorophenol	11.239	266	11879	4.444	ng		87
71) Phenanthrene	11.468	178	114507	5.608	ng		99
72) Anthracene	11.515	178	111877	5.559	ng		99
73) Carbazole	11.668	167	98790	5.372	ng		98
74) Di-n-butylphthalate	12.004	149	114840	5.262	ng		98
75) Fluoranthene	12.657	202	107366	5.300	ng		98
77) Benzidine	12.774	184	47256	5.716	ng	#	93
78) Pyrene	12.886	202	108802	5.358	ng		98
80) Butylbenzylphthalate	13.504	149	37239	4.667	ng		93
81) Benzo(a)anthracene	14.074	228	91805	5.382	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	25786	4.877	ng		99
83) Chrysene	14.109	228	90974	5.393	ng		98
84) Bis(2-ethylhexyl)phtha...	14.062	149	54449	4.965	ng		99
85) Di-n-octyl phthalate	14.680	149	85922	4.711	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	70100	4.783	ng		95
88) Benzo(b)fluoranthene	15.133	252	77159	5.191	ng		97
89) Benzo(k)fluoranthene	15.162	252	72501	5.227	ng		97
90) Benzo(a)pyrene	15.509	252	66299	5.049	ng	#	95
91) Dibenzo(a,h)anthracene	17.097	278	60854	4.803	ng		97
92) Benzo(g,h,i)perylene	17.533	276	57363	4.696	ng		94

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

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