Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125066.D
Acq On : 17 Aug 2021 12:00
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
8/18/2021 4:30:52 PM

Quant Time: Aug 17 14:08:33 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	134993	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	516445	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	230776	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	367770	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	173319	20.000	ng	0.00
86) Perylene-d12	15.580	264	76931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	108186	13.128	ng	-0.01
7) Phenol-d6	6.522	99	135419	13.032	ng	-0.02
23) Nitrobenzene-d5	7.475	82	85610	8.672	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	18859	9.147	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	200917	12.739	ng	0.00
79) Terphenyl-d14	13.027	244	144917	14.104	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	25115	8.146	ng	# 100
3) Pyridine	3.493	79	65168	9.097	ng	94
4) n-Nitrosodimethylamine	3.422	42	35124	6.904	ng	# 65
6) Aniline	6.575	93	78765m	7.176	ng	
8) 2-Chlorophenol	6.698	128	53393	5.907	ng	80
9) Benzaldehyde	6.469	77	49161	8.696	ng	93
10) Phenol	6.540	94	72877	6.797	ng	96
11) bis(2-Chloroethyl)ether	6.645	93	57282	7.122	ng	87
12) 1,3-Dichlorobenzene	6.857	146	57670m	5.862	ng	
13) 1,4-Dichlorobenzene	6.940	146	57247	5.820	ng	96
14) 1,2-Dichlorobenzene	7.087	146	54672	5.931	ng	95
15) Benzyl Alcohol	7.045	79	50458	6.732	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	123282	9.567	ng	97
17) 2-Methylphenol	7.151	107	46321	6.846	ng	98
18) Hexachloroethane	7.434	117	21064	5.470	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	43523	7.059	ng	# 85
20) 3+4-Methylphenols	7.304	107	61129	6.805	ng	# 77
22) Acetophenone	7.322	105	80895	6.396	ng	98
24) Nitrobenzene	7.492	77	52240	5.469	ng	# 81
25) Isophorone	7.734	82	112682	6.688	ng	# 89
26) 2-Nitrophenol	7.816	139	13520	2.787	ng	# 81
27) 2,4-Dimethylphenol	7.840	122	40622	5.907	ng	87
28) bis(2-Chloroethoxy)met...	7.945	93	62295	6.496	ng	97
29) 2,4-Dichlorophenol	8.045	162	38392	5.011	ng	92
30) 1,2,4-Trichlorobenzene	8.139	180	43024	5.011	ng	98
31) Naphthalene	8.222	128	156186	5.886	ng	98
33) 4-Chloroaniline	8.269	127	59342	6.001	ng	# 93
34) Hexachlorobutadiene	8.339	225	24068	4.694	ng	93
35) Caprolactam	8.587	113	10759	5.288	ng	# 42
36) 4-Chloro-3-methylphenol	8.734	107	44977	5.612	ng	# 89
37) 2-Methylnaphthalene	8.916	142	97786	5.481	ng	99
38) 1-Methylnaphthalene	9.016	142	92368	5.533	ng	95
40) 1,2,4,5-Tetrachloroben...	9.075	216	36634	5.530	ng	98
41) Hexachlorocyclopentadiene	9.069	237	14413	8.959	ng	94
43) 2,4,6-Trichlorophenol	9.186	196	22873	5.187	ng	97
44) 2,4,5-Trichlorophenol	9.216	196	25333	5.675	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.375	154	114983	6.686	ng		94
47) 2-Chloronaphthalene	9.398	162	86897	6.351	ng		97
48) 2-Nitroaniline	9.492	65	17030	4.237	ng	#	82
49) Acenaphthylene	9.816	152	139116	6.694	ng		98
50) Dimethylphthalate	9.669	163	87979	5.626	ng		98
51) 2,6-Dinitrotoluene	9.733	165	12002	3.447	ng	#	71
52) Acenaphthene	9.992	154	82624	6.558	ng		98
53) 3-Nitroaniline	9.898	138	15249	4.157	ng	#	75
55) Dibenzofuran	10.163	168	123384	6.266	ng		93
56) 4-Nitrophenol	10.039	139	11322	4.683	ng	#	74
57) 2,4-Dinitrotoluene	10.133	165	11568	2.447	ng	#	90
58) Fluorene	10.504	166	91311	6.048	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.275	232	17117	5.111	ng	#	99
60) Diethylphthalate	10.369	149	93960	5.855	ng		98
61) 4-Chlorophenyl-phenyle...	10.498	204	41793	5.862	ng		90
62) 4-Nitroaniline	10.504	138	13726	3.854	ng	#	83
63) Azobenzene	10.657	77	110210	7.022	ng		91
66) n-Nitrosodiphenylamine	10.610	169	78607	6.595	ng		97
67) 4-Bromophenyl-phenylether	10.986	248	21025	5.219	ng	#	76
68) Hexachlorobenzene	11.051	284	23430	5.346	ng		91
69) Atrazine	11.133	200	19204	5.362	ng		94
70) Pentachlorophenol	11.239	266	10351	5.526	ng		96
71) Phenanthrene	11.469	178	114986	5.764	ng		98
72) Anthracene	11.516	178	112773	5.635	ng		99
73) Carbazole	11.669	167	117770	6.417	ng		98
74) Di-n-butylphthalate	12.004	149	126808	5.436	ng		99
75) Fluoranthene	12.657	202	105693	5.121	ng		96
77) Benzidine	12.774	184	48368	10.430	ng		98
78) Pyrene	12.886	202	106806	7.824	ng		99
80) Butylbenzylphthalate	13.504	149	35670	5.871	ng		88
81) Benzo(a)anthracene	14.074	228	55588	4.922	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	20428	6.860	ng	#	97
83) Chrysene	14.110	228	57731	5.287	ng		98
84) Bis(2-ethylhexyl)phtha...	14.069	149	40824	4.844	ng		100
85) Di-n-octyl phthalate	14.680	149	43303	3.257	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.080	276	12064	2.633	ng	#	88
88) Benzo(b)fluoranthene	15.133	252	25841	4.784	ng		95
89) Benzo(k)fluoranthene	15.163	252	25373	5.164	ng	#	92
90) Benzo(a)pyrene	15.510	252	22594	4.912	ng		96
91) Dibenzo(a,h)anthracene	17.104	278	11953	2.967	ng		94
92) Benzo(g,h,i)perylene	17.533	276	10004	2.589	ng	#	90

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

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