Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080421\
Data File : BF124937.D
Acq On : 4 Aug 2021 14:19
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
8/5/2021 5:06:17 PM

Quant Time: Aug 04 15:03:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 14:23:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	7984	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	28706	20.000	ng	# 0.00
39) Acenaphthene-d10	9.881	164	15171	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	26315	20.000	ng	0.00
76) Chrysene-d12	14.004	240	16646	20.000	ng	0.00
86) Perylene-d12	15.463	264	12911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	73021	154.855	ng	0.01
7) Phenol-d6	6.487	99	90460	153.023	ng	0.02
23) Nitrobenzene-d5	7.416	82	83701	173.542	ng	0.01
42) 2,4,6-Tribromophenol	10.675	330	21408	164.351	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	157161	152.152	ng	0.00
79) Terphenyl-d14	12.951	244	160281	165.052	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	13321	80.817	ng	# 100
3) Pyridine	3.363	79	34549	88.543	ng	90
4) n-Nitrosodimethylamine	3.346	42	24551	79.563	ng	# 83
6) Aniline	6.516	93	48213	79.358	ng	96
8) 2-Chlorophenol	6.634	128	39321	73.932	ng	95
10) Phenol	6.498	94	46135	81.496	ng	80
11) bis(2-Chloroethyl)ether	6.587	93	35535	79.168	ng	96
12) 1,3-Dichlorobenzene	6.787	146	42249	73.089	ng	96
13) 1,4-Dichlorobenzene	6.863	146	42870	74.132	ng	98
14) 1,2-Dichlorobenzene	7.016	146	39570	70.819	ng	96
15) Benzyl Alcohol	6.992	79	33543	86.286	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	56317	74.546	ng	95
17) 2-Methylphenol	7.098	107	30641	79.082	ng	96
18) Hexachloroethane	7.351	117	17075	77.900	ng	91
19) n-Nitroso-di-n-propyla...	7.275	70	26865	85.105	ng	87
20) 3+4-Methylphenols	7.257	107	38382	74.976	ng	# 83
22) Acetophenone	7.263	105	52783	79.346	ng	# 88
24) Nitrobenzene	7.434	77	40821	86.328	ng	94
25) Isophorone	7.675	82	70075	82.168	ng	95
26) 2-Nitrophenol	7.745	139	21438	81.855	ng	# 85
27) 2,4-Dimethylphenol	7.781	122	29703	73.705	ng	84
28) bis(2-Chloroethoxy)met...	7.875	93	40201	81.117	ng	# 96
29) 2,4-Dichlorophenol	7.987	162	32344	75.782	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	35749	76.422	ng	98
31) Naphthalene	8.151	128	109644	73.190	ng	97
32) Benzoic acid	7.945	122	19650	62.996	ng	88
33) 4-Chloroaniline	8.198	127	41413	73.515	ng	# 94
34) Hexachlorobutadiene	8.263	225	21318	76.238	ng	98
35) Caprolactam	8.604	113	9978m	89.948	ng	
36) 4-Chloro-3-methylphenol	8.687	107	34113	83.796	ng	92
37) 2-Methylnaphthalene	8.839	142	73535	73.464	ng	100
38) 1-Methylnaphthalene	8.939	142	67936	71.643	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	33606	79.392	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	22961	76.412	ng	93
44) 2,4,5-Trichlorophenol	9.163	196	23681	76.752	ng	96
46) 1,1'-Biphenyl	9.304	154	86851	76.694	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	9.334	162	68145	76.015	ng		99
48)	2-Nitroaniline	9.428	65	21434	91.311	ng		87
49)	Acenaphthylene	9.745	152	102324	74.014	ng		99
50)	Dimethylphthalate	9.616	163	79025	75.649	ng		100
51)	2,6-Dinitrotoluene	9.675	165	17936	77.718	ng		90
52)	Acenaphthene	9.916	154	62872	68.603	ng		97
53)	3-Nitroaniline	9.845	138	19339	79.652	ng		86
54)	2,4-Dinitrophenol	9.951	184	9241	69.247	ng		89
55)	Dibenzofuran	10.092	168	98108	74.915	ng		97
56)	4-Nitrophenol	10.004	139	13655	71.220	ng	#	78
57)	2,4-Dinitrotoluene	10.081	165	23946	76.461	ng	#	93
58)	Fluorene	10.433	166	72996	72.660	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.204	232	18616	76.398	ng	#	94
60)	Diethylphthalate	10.304	149	81241	74.789	ng		99
61)	4-Chlorophenyl-phenyle...	10.422	204	35817	73.750	ng		93
62)	4-Nitroaniline	10.469	138	18081	75.262	ng		90
63)	Azobenzene	10.586	77	79988	83.232	ng		93
65)	4,6-Dinitro-2-methylph...	10.492	198	13260	77.808	ng		79
66)	n-Nitrosodiphenylamine	10.545	169	65611	76.939	ng		94
67)	4-Bromophenyl-phenylether	10.910	248	22225	79.635	ng	#	86
68)	Hexachlorobenzene	10.980	284	24096	83.134	ng	#	88
69)	Atrazine	11.075	200	19230	74.169	ng		90
70)	Pentachlorophenol	11.169	266	11910	66.080	ng		90
71)	Phenanthrene	11.392	178	108472	76.640	ng		98
72)	Anthracene	11.445	178	107539	76.003	ng		99
73)	Carbazole	11.604	167	98021	73.905	ng		99
74)	Di-n-butylphthalate	11.927	149	125234	70.890	ng		99
75)	Fluoranthene	12.580	202	108356	75.023	ng		98
78)	Pyrene	12.810	202	108849	82.598	ng		98
80)	Butylbenzylphthalate	13.421	149	47712	75.591	ng		94
81)	Benzo(a)anthracene	13.998	228	83522	76.760	ng		97
82)	3,3'-Dichlorobenzidine	13.957	252	18416	60.986	ng		98
83)	Chrysene	14.033	228	80285	76.587	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.974	149	65976	70.964	ng		97
85)	Di-n-octyl phthalate	14.586	149	97588	64.685	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.939	276	68730	92.207	ng		94
88)	Benzo(b)fluoranthene	15.045	252	70200m	77.225	ng		
89)	Benzo(k)fluoranthene	15.074	252	64316	77.434	ng		99
90)	Benzo(a)pyrene	15.410	252	60449	79.605	ng		97
91)	Dibenzo(a,h)anthracene	16.957	278	59956	91.882	ng		96
92)	Benzo(g,h,i)perylene	17.392	276	59424	96.034	ng	#	88

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

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