Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125504.D
Acq On : 15 Sep 2021 15:00
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091521

Manual Integrations APPROVED
mohammad
9/16/2021 11:44:41 AM

Quant Time: Sep 15 16:06:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 15:08:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	165270	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	617900	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	331204	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	618023	20.000	ng	0.00
76) Chrysene-d12	14.051	240	460421	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	391670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	766441	73.686	ng	0.00
7) Phenol-d6	6.510	99	1007311	72.865	ng	0.00
23) Nitrobenzene-d5	7.439	82	920511	73.555	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	306742	76.042	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1619165	71.736	ng	0.00
79) Terphenyl-d14	12.986	244	1977297	69.638	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	192598	37.497	ng	# 100
3) Pyridine	3.416	79	520714	39.098	ng	# 90
4) n-Nitrosodimethylamine	3.381	42	251311	37.912	ng	# 39
6) Aniline	6.534	93	603330	38.005	ng	# 90
8) 2-Chlorophenol	6.657	128	404366	37.074	ng	# 81
9) Benzaldehyde	6.422	77	297382	41.547	ng	94
10) Phenol	6.522	94	551118	35.181	ng	85
11) bis(2-Chloroethyl)ether	6.610	93	415540	36.811	ng	88
12) 1,3-Dichlorobenzene	6.810	146	464493	36.895	ng	97
13) 1,4-Dichlorobenzene	6.886	146	468100	36.880	ng	96
14) 1,2-Dichlorobenzene	7.039	146	425655	34.986	ng	98
15) Benzyl Alcohol	7.016	79	376668	38.040	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	775237	37.389	ng	96
17) 2-Methylphenol	7.128	107	340759	36.961	ng	94
18) Hexachloroethane	7.381	117	166373	37.236	ng	# 83
19) n-Nitroso-di-n-propyla...	7.286	70	298001	35.867	ng	# 78
20) 3+4-Methylphenols	7.281	107	399843	42.633	ng	# 69
22) Acetophenone	7.281	105	541822	35.581	ng	# 82
24) Nitrobenzene	7.457	77	488517	36.916	ng	89
25) Isophorone	7.698	82	890906	37.312	ng	# 91
26) 2-Nitrophenol	7.769	139	231126	38.769	ng	# 80
27) 2,4-Dimethylphenol	7.810	122	325609	37.791	ng	92
28) bis(2-Chloroethoxy)met...	7.898	93	481909	37.274	ng	# 96
29) 2,4-Dichlorophenol	8.016	162	363893	36.932	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	387095	36.809	ng	95
31) Naphthalene	8.175	128	1106757	35.961	ng	100
32) Benzoic acid	7.951	122	237288	40.583	ng	# 86
33) 4-Chloroaniline	8.228	127	474153	37.445	ng	# 91
34) Hexachlorobutadiene	8.286	225	250340	36.548	ng	98
35) Caprolactam	8.610	113	112921	37.833	ng	# 48
36) 4-Chloro-3-methylphenol	8.716	107	394316	37.704	ng	92
37) 2-Methylnaphthalene	8.869	142	777344	36.381	ng	98
38) 1-Methylnaphthalene	8.969	142	729487	36.637	ng	95
40) 1,2,4,5-Tetrachloroben...	9.033	216	395120	37.322	ng	96
41) Hexachlorocyclopentadiene	9.016	237	134723	39.820	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	273818	37.686	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	299044	38.195	ng		93
46) 1,1'-Biphenyl	9.333	154	907817	36.555	ng		98
47) 2-Chloronaphthalene	9.357	162	752442	36.692	ng		99
48) 2-Nitroaniline	9.457	65	275753	38.399	ng	#	82
49) Acenaphthylene	9.774	152	1121151	36.962	ng		98
50) Dimethylphthalate	9.633	163	880185	37.271	ng	#	97
51) 2,6-Dinitrotoluene	9.698	165	203364	38.324	ng	#	78
52) Acenaphthene	9.945	154	668309	36.357	ng		98
53) 3-Nitroaniline	9.874	138	221476	38.044	ng	#	81
54) 2,4-Dinitrophenol	9.980	184	121743	43.619	ng	#	81
55) Dibenzofuran	10.122	168	998101	36.348	ng		96
56) 4-Nitrophenol	10.039	139	163122	41.117	ng	#	79
57) 2,4-Dinitrotoluene	10.104	165	266091	38.966	ng	#	92
58) Fluorene	10.463	166	780635	35.800	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	240747	38.487	ng	#	83
60) Diethylphthalate	10.333	149	843609	37.103	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	399331	36.406	ng	#	87
62) 4-Nitroaniline	10.492	138	223996	37.915	ng	#	85
63) Azobenzene	10.610	77	905471	37.363	ng		91
65) 4,6-Dinitro-2-methylph...	10.516	198	171610	42.311	ng		94
66) n-Nitrosodiphenylamine	10.574	169	764052	36.550	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	275498	36.744	ng	#	87
68) Hexachlorobenzene	11.010	284	300308	37.392	ng	#	85
69) Atrazine	11.104	200	240519	38.461	ng		89
70) Pentachlorophenol	11.210	266	155111	42.638	ng		91
71) Phenanthrene	11.427	178	1192128	36.050	ng		97
72) Anthracene	11.480	178	1198654	36.132	ng		98
73) Carbazole	11.639	167	1133959	36.661	ng		98
74) Di-n-butylphthalate	11.957	149	1311130	37.103	ng		100
75) Fluoranthene	12.621	202	1314440	36.436	ng		96
77) Benzidine	12.739	184	501408	35.482	ng		98
78) Pyrene	12.851	202	1336865	35.152	ng		96
80) Butylbenzylphthalate	13.462	149	551312	36.293	ng	#	96
81) Benzo(a)anthracene	14.039	228	1209843	36.434	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	366175	36.234	ng		98
83) Chrysene	14.080	228	1171143	36.440	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	745943	37.083	ng	#	99
85) Di-n-octyl phthalate	14.633	149	1242449	38.361	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	909035	35.783	ng	#	89
88) Benzo(b)fluoranthene	15.098	252	1140121	38.380	ng	#	94
89) Benzo(k)fluoranthene	15.133	252	983209m	35.968	ng		
90) Benzo(a)pyrene	15.474	252	951072	37.742	ng	#	94
91) Dibenzo(a,h)anthracene	17.056	278	780455	36.027	ng	#	93
92) Benzo(g,h,i)perylene	17.492	276	753787	35.384	ng	#	87

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

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