Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080421\
Data File : BF124934.D
Acq On : 4 Aug 2021 12:40
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
8/5/2021 5:06:09 PM

Quant Time: Aug 04 14:26:22 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	6.839	152	6816	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	26074	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	14321	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	24643	20.000	ng	0.00
76) Chrysene-d12	14.004	240	18051	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	13640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	34607	85.967	ng	0.00
7) Phenol-d6	6.469	99	45009	89.185	ng	0.00
23) Nitrobenzene-d5	7.404	82	40257	91.892	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	10628	86.435	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	78628	80.640	ng	0.00
79) Terphenyl-d14	12.945	244	84927	80.648	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	6450	45.837	ng	# 100
3) Pyridine	3.357	79	16013	48.071	ng	92
4) n-Nitrosodimethylamine	3.316	42	11482	43.586	ng	# 80
6) Aniline	6.504	93	23664	45.625	ng	98
8) 2-Chlorophenol	6.622	128	19011	41.870	ng	92
9) Benzaldehyde	6.392	77	11672	42.957	ng	97
10) Phenol	6.486	94	22482	46.519	ng	96
11) bis(2-Chloroethyl)ether	6.575	93	17509	45.693	ng	96
12) 1,3-Dichlorobenzene	6.781	146	20949	42.451	ng	98
13) 1,4-Dichlorobenzene	6.857	146	21363	43.272	ng	95
14) 1,2-Dichlorobenzene	7.010	146	19736	41.375	ng	95
15) Benzyl Alcohol	6.981	79	16295	49.100	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.110	45	26595	41.236	ng	96
17) 2-Methylphenol	7.092	107	14096	42.615	ng	97
18) Hexachloroethane	7.351	117	8054	43.041	ng	# 85
19) n-Nitroso-di-n-propyla...	7.257	70	12633	46.878	ng	# 88
20) 3+4-Methylphenols	7.245	107	18865	43.166	ng	86
22) Acetophenone	7.251	105	25077	41.502	ng	# 91
24) Nitrobenzene	7.422	77	19905	46.344	ng	93
25) Isophorone	7.663	82	34143	44.076	ng	94
26) 2-Nitrophenol	7.739	139	10186	42.819	ng	93
27) 2,4-Dimethylphenol	7.775	122	14334	39.159	ng	91
28) bis(2-Chloroethoxy)met...	7.869	93	19391	43.076	ng	98
29) 2,4-Dichlorophenol	7.980	162	15883	40.970	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	17667	41.580	ng	94
31) Naphthalene	8.145	128	54249	39.868	ng	98
32) Benzoic acid	7.904	122	7351	25.945	ng	# 81
33) 4-Chloroaniline	8.192	127	20683	40.422	ng	95
34) Hexachlorobutadiene	8.257	225	10786	42.467	ng	99
35) Caprolactam	8.575	113	4539	45.048	ng	89
36) 4-Chloro-3-methylphenol	8.675	107	16314	44.119	ng	92
37) 2-Methylnaphthalene	8.833	142	36023	39.621	ng	98
38) 1-Methylnaphthalene	8.933	142	33685	39.109	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	16539	41.391	ng	98
41) Hexachlorocyclopentadiene	8.986	237	5997	25.368	ng	91
43) 2,4,6-Trichlorophenol	9.110	196	10783	38.014	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	11833	40.628	ng		98
46) 1,1'-Biphenyl	9.298	154	42585	39.837	ng		98
47) 2-Chloronaphthalene	9.322	162	33890	40.048	ng		96
48) 2-Nitroaniline	9.422	65	10008	45.166	ng		96
49) Acenaphthylene	9.739	152	50312	38.552	ng		98
50) Dimethylphthalate	9.598	163	38749	39.295	ng	#	96
51) 2,6-Dinitrotoluene	9.663	165	8816	40.468	ng	#	86
52) Acenaphthene	9.910	154	30946	35.771	ng		97
53) 3-Nitroaniline	9.833	138	8883	38.758	ng		87
54) 2,4-Dinitrophenol	9.939	184	3889	30.872	ng	#	89
55) Dibenzofuran	10.086	168	48319	39.086	ng		98
56) 4-Nitrophenol	9.992	139	6332	34.986	ng		96
57) 2,4-Dinitrotoluene	10.069	165	11921	40.324	ng	#	87
58) Fluorene	10.427	166	37428	39.467	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	8603	37.401	ng	#	95
60) Diethylphthalate	10.298	149	39028	38.061	ng		96
61) 4-Chlorophenyl-phenyle...	10.416	204	18038	39.346	ng		98
62) 4-Nitroaniline	10.451	138	9057	39.937	ng		91
63) Azobenzene	10.574	77	38613	42.564	ng		93
65) 4,6-Dinitro-2-methylph...	10.474	198	6182	38.736	ng		95
66) n-Nitrosodiphenylamine	10.539	169	32832	41.113	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	11109	42.506	ng	#	87
68) Hexachlorobenzene	10.974	284	11867	43.720	ng	#	88
69) Atrazine	11.063	200	9779	40.276	ng		89
70) Pentachlorophenol	11.169	266	5297	31.383	ng		90
71) Phenanthrene	11.386	178	54611	41.203	ng		98
72) Anthracene	11.439	178	53900	40.678	ng		99
73) Carbazole	11.598	167	49399	39.773	ng		99
74) Di-n-butylphthalate	11.921	149	62208	37.603	ng		98
75) Fluoranthene	12.574	202	55660	41.152	ng		99
77) Benzidine	12.698	184	18360	36.069	ng		98
78) Pyrene	12.804	202	57618	40.319	ng		99
80) Butylbenzylphthalate	13.415	149	25116	36.695	ng		91
81) Benzo(a)anthracene	13.992	228	46605	39.498	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	12808	39.113	ng		92
83) Chrysene	14.027	228	45440	39.973	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	36230	35.936	ng		99
85) Di-n-octyl phthalate	14.586	149	55353	33.834	ng		98
87) Indeno(1,2,3-cd)pyrene	16.927	276	31993	40.627	ng		94
88) Benzo(b)fluoranthene	15.039	252	40320m	41.984	ng		
89) Benzo(k)fluoranthene	15.068	252	35914	40.928	ng		98
90) Benzo(a)pyrene	15.398	252	33215	41.403	ng		99
91) Dibenzo(a,h)anthracene	16.939	278	28719	41.659	ng	#	94
92) Benzo(g,h,i)perylene	17.362	276	26588	40.672	ng	#	88

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

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