Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060321\
Data File : BF124125.D
Acq On : 3 Jun 2021 16:54
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
6/4/2021 2:48:30 PM

Quant Time: Jun 03 17:15:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 03 15:43:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	40109	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	136446	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	79665	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	143150	20.000	ng		0.00
76) Chrysene-d12	14.039	240	82182	20.000	ng		0.00
86) Perylene-d12	15.510	264	73063	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	435308	152.382	ng		0.00
7) Phenol-d6	6.522	99	586308	158.214	ng		0.01
23) Nitrobenzene-d5	7.445	82	603187	190.469	ng		0.01
42) 2,4,6-Tribromophenol	10.704	330	198499	207.450	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1072321	165.642	ng		0.00
79) Terphenyl-d14	12.986	244	1103535	203.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	94837	75.592	ng		93
3) Pyridine	3.399	79	239415	73.940	ng		90
4) n-Nitrosodimethylamine	3.375	42	145516	69.189	ng		97
6) Aniline	6.545	93	332840	79.109	ng		100
8) 2-Chlorophenol	6.663	128	244012	82.076	ng		99
9) Benzaldehyde	6.422	77	111515	69.543	ng		91
10) Phenol	6.534	94	311592	83.192	ng	#	71
11) bis(2-Chloroethyl)ether	6.610	93	230358	79.135	ng		93
12) 1,3-Dichlorobenzene	6.810	146	283551	81.874	ng		97
13) 1,4-Dichlorobenzene	6.887	146	286850	80.955	ng		93
14) 1,2-Dichlorobenzene	7.045	146	274004	82.753	ng		98
15) Benzyl Alcohol	7.022	79	265988	83.102	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.151	45	352521	60.155	ng		84
17) 2-Methylphenol	7.134	107	193642	80.325	ng	#	87
18) Hexachloroethane	7.381	117	111528	84.926	ng		92
19) n-Nitroso-di-n-propyla...	7.298	70	201350	80.407	ng		88
20) 3+4-Methylphenols	7.292	107	254389	80.110	ng		91
22) Acetophenone	7.287	105	335393	86.563	ng	#	90
24) Nitrobenzene	7.463	77	298057	92.047	ng		95
25) Isophorone	7.698	82	526541	86.431	ng		98
26) 2-Nitrophenol	7.775	139	139952	114.898	ng	#	87
27) 2,4-Dimethylphenol	7.816	122	188211	80.693	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	260568	85.062	ng		97
29) 2,4-Dichlorophenol	8.016	162	219544	92.996	ng		94
30) 1,2,4-Trichlorobenzene	8.092	180	245982	92.674	ng		97
31) Naphthalene	8.181	128	694076	85.953	ng		98
32) Benzoic acid	7.981	122	126893	99.130	ng		93
33) 4-Chloroaniline	8.234	127	265994	86.530	ng		98
34) Hexachlorobutadiene	8.292	225	166103	95.586	ng		98
35) Caprolactam	8.634	113	56868m	88.473	ng		
36) 4-Chloro-3-methylphenol	8.716	107	231772	89.772	ng	#	86
37) 2-Methylnaphthalene	8.869	142	488774	89.302	ng		100
38) 1-Methylnaphthalene	8.969	142	453648	88.825	ng		94
40) 1,2,4,5-Tetrachloroben...	9.034	216	241109	83.911	ng		98
41) Hexachlorocyclopentadiene	9.022	237	127090	69.543	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	162529	87.178	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	173143	89.399	ng		94
46) 1,1'-Biphenyl	9.334	154	577313	82.273	ng		96
47) 2-Chloronaphthalene	9.357	162	472217	84.733	ng		97
48) 2-Nitroaniline	9.457	65	173862	92.381	ng		97
49) Acenaphthylene	9.775	152	680217	82.605	ng		98
50) Dimethylphthalate	9.639	163	555746	87.363	ng		100
51) 2,6-Dinitrotoluene	9.698	165	130684	101.586	ng		95
52) Acenaphthene	9.945	154	449391	79.723	ng		95
53) 3-Nitroaniline	9.875	138	120152	93.981	ng		92
55) Dibenzofuran	10.122	168	700595	86.541	ng		98
56) 4-Nitrophenol	10.039	139	87924	83.142	ng	#	85
57) 2,4-Dinitrotoluene	10.110	165	177035	112.204	ng	#	91
58) Fluorene	10.463	166	535386	87.760	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.239	232	148062	92.964	ng	#	94
60) Diethylphthalate	10.333	149	566499	89.920	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	273077	89.320	ng		98
62) 4-Nitroaniline	10.498	138	119285	93.807	ng	#	75
63) Azobenzene	10.610	77	578775	82.603	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	105365	130.324	ng	#	61
66) n-Nitrosodiphenylamine	10.575	169	465953	85.189	ng		98
67) 4-Bromophenyl-phenylether	10.939	248	167305	88.929	ng		92
68) Hexachlorobenzene	11.010	284	187030	89.053	ng		96
69) Atrazine	11.098	200	123657	80.046	ng		96
70) Pentachlorophenol	11.204	266	94693	76.052	ng		95
71) Phenanthrene	11.422	178	761312	83.914	ng		99
72) Anthracene	11.475	178	773880	84.176	ng		99
73) Carbazole	11.633	167	666241	82.840	ng		96
74) Di-n-butylphthalate	11.957	149	860748	85.509	ng		98
75) Fluoranthene	12.610	202	756143	80.490	ng		98
77) Benzidine	12.727	184	159883	80.630	ng	#	94
78) Pyrene	12.839	202	756015	103.619	ng		97
80) Butylbenzylphthalate	13.451	149	277995	97.164	ng		99
81) Benzo(a)anthracene	14.027	228	524024	88.167	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	131680	71.316	ng		99
83) Chrysene	14.068	228	488836	85.513	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	339084	83.986	ng		96
85) Di-n-octyl phthalate	14.627	149	507918	83.224	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.015	276	529818	93.896	ng		99
88) Benzo(b)fluoranthene	15.086	252	470038	83.165	ng		97
89) Benzo(k)fluoranthene	15.115	252	439097	85.247	ng		98
90) Benzo(a)pyrene	15.457	252	425973	87.187	ng		97
91) Dibenzo(a,h)anthracene	17.033	278	450882	94.884	ng		99
92) Benzo(g,h,i)perylene	17.474	276	440127	92.358	ng		99

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

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