Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062321\
Data File : BF124434.D
Acq On : 23 Jun 2021 16:47
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
6/24/2021 9:50:57 AM

Quant Time: Jun 23 18:07:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 18:03:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	38486	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	124380	20.000	ng	# 0.00
39) Acenaphthene-d10	9.763	164	75177	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	130626	20.000	ng	0.00
76) Chrysene-d12	13.898	240	86677	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	80414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	236943	92.678	ng	0.00
7) Phenol-d6	6.375	99	307205	89.395	ng	0.00
23) Nitrobenzene-d5	7.292	82	305170	97.310	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	90403	84.879	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	592012	99.095	ng	0.00
79) Terphenyl-d14	12.839	244	590629	93.555	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.363	88	48145	43.031	ng	# 87
3) Pyridine	3.081	79	120544	42.068	ng	# 71
4) n-Nitrosodimethylamine	3.045	42	62362	36.626	ng	90
6) Aniline	6.386	93	166021	42.297	ng	# 8
8) 2-Chlorophenol	6.510	128	131793	46.327	ng	96
9) Benzaldehyde	6.275	77	68046	44.547	ng	98
10) Phenol	6.386	94	161704	43.541	ng	# 50
11) bis(2-Chloroethyl)ether	6.463	93	114994	42.474	ng	93
12) 1,3-Dichlorobenzene	6.663	146	156675	47.111	ng	# 91
13) 1,4-Dichlorobenzene	6.739	146	160320	48.059	ng	93
14) 1,2-Dichlorobenzene	6.892	146	151902	47.601	ng	91
15) Benzyl Alcohol	6.875	79	131048	42.301	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.998	45	154954	36.688	ng	# 28
17) 2-Methylphenol	6.992	107	103003	44.541	ng	# 84
18) Hexachloroethane	7.228	117	59005	44.916	ng	# 88
19) n-Nitroso-di-n-propyla...	7.145	70	102039	42.062	ng	# 78
20) 3+4-Methylphenols	7.145	107	134465	43.883	ng	92
22) Acetophenone	7.139	105	175434	49.477	ng	# 92
24) Nitrobenzene	7.310	77	156100	49.618	ng	99
25) Isophorone	7.551	82	266811	47.213	ng	95
26) 2-Nitrophenol	7.628	139	73015	51.955	ng	# 85
27) 2,4-Dimethylphenol	7.669	122	97957	49.431	ng	94
28) bis(2-Chloroethoxy)met...	7.757	93	131760	47.030	ng	97
29) 2,4-Dichlorophenol	7.875	162	116784	50.930	ng	93
30) 1,2,4-Trichlorobenzene	7.945	180	133769	52.055	ng	96
31) Naphthalene	8.027	128	371732	49.989	ng	99
32) Benzoic acid	7.828	122	52930	43.528	ng	95
33) 4-Chloroaniline	8.080	127	140998	50.977	ng	97
34) Hexachlorobutadiene	8.139	225	88844	48.946	ng	98
35) Caprolactam	8.475	113	30222m	47.975	ng	
36) 4-Chloro-3-methylphenol	8.580	107	119176	47.504	ng	# 82
37) 2-Methylnaphthalene	8.716	142	262381	50.314	ng	97
38) 1-Methylnaphthalene	8.816	142	241967	49.653	ng	94
40) 1,2,4,5-Tetrachloroben...	8.886	216	130710	49.074	ng	# 96
41) Hexachlorocyclopentadiene	8.869	237	9428	7.984	ng	88
43) 2,4,6-Trichlorophenol	9.004	196	83995	48.352	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.057	196	81688	43.804	ng	#	90
46) 1,1'-Biphenyl	9.186	154	310707	48.960	ng		97
47) 2-Chloronaphthalene	9.210	162	252464	48.875	ng		96
48) 2-Nitroaniline	9.316	65	81736	43.847	ng		93
49) Acenaphthylene	9.622	152	365587	48.690	ng		97
50) Dimethylphthalate	9.492	163	292255	46.988	ng		99
51) 2,6-Dinitrotoluene	9.557	165	67391	47.255	ng		90
52) Acenaphthene	9.798	154	239430	48.823	ng		95
53) 3-Nitroaniline	9.733	138	61550	46.114	ng		100
54) 2,4-Dinitrophenol	9.851	184	21965	36.568	ng	#	85
55) Dibenzofuran	9.969	168	375206	48.884	ng		97
56) 4-Nitrophenol	9.916	139	34301	35.959	ng		88
57) 2,4-Dinitrotoluene	9.969	165	89718	47.702	ng	#	86
58) Fluorene	10.310	166	288661	48.995	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.098	232	65110	43.085	ng	#	95
60) Diethylphthalate	10.192	149	280751	44.727	ng		95
61) 4-Chlorophenyl-phenyle...	10.304	204	146504	48.632	ng		92
62) 4-Nitroaniline	10.351	138	55495	41.352	ng	#	82
63) Azobenzene	10.469	77	286127	43.729	ng		92
65) 4,6-Dinitro-2-methylph...	10.380	198	50969	48.553	ng	#	69
66) n-Nitrosodiphenylamine	10.427	169	243925	49.147	ng		94
67) 4-Bromophenyl-phenylether	10.792	248	85320	47.587	ng		93
68) Hexachlorobenzene	10.863	284	93352	45.969	ng		96
69) Atrazine	10.957	200	62440	44.442	ng		98
70) Pentachlorophenol	11.068	266	22601	23.766	ng		92
71) Phenanthrene	11.274	178	408234	50.029	ng		98
72) Anthracene	11.327	178	405689	49.366	ng		98
73) Carbazole	11.486	167	352856	49.272	ng		94
74) Di-n-butylphthalate	11.816	149	427942	46.498	ng		98
75) Fluoranthene	12.468	202	410464	47.922	ng		96
77) Benzidine	12.592	184	87521m	47.029	ng		
78) Pyrene	12.698	202	405094	48.670	ng		98
80) Butylbenzylphthalate	13.315	149	160138	47.429	ng		89
81) Benzo(a)anthracene	13.886	228	319023	50.523	ng		99
82) 3,3'-Dichlorobenzidine	13.851	252	98012	52.910	ng		98
83) Chrysene	13.927	228	310120	50.905	ng		98
84) Bis(2-ethylhexyl)phtha...	13.874	149	220192	54.824	ng	#	97
85) Di-n-octyl phthalate	14.492	149	338495	63.150	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.768	276	341587	58.671	ng		97
88) Benzo(b)fluoranthene	14.927	252	295000	47.225	ng		99
89) Benzo(k)fluoranthene	14.956	252	283719	47.978	ng		99
90) Benzo(a)pyrene	15.280	252	275612	50.798	ng		99
91) Dibenzo(a,h)anthracene	16.768	278	284624	56.533	ng		98
92) Benzo(g,h,i)perylene	17.192	276	282991	56.985	ng		98

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

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