Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031721\
Data File : BF123371.D
Acq On : 17 Mar 2021 17:28
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
3/18/2021 2:32:10 PM

Quant Time: Mar 17 18:30:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 17 18:26:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.793	152	216608	20.00	ng		0.00
21) Naphthalene-d8	8.075	136	858935	20.00	ng		# 0.00
39) Acenaphthene-d10	9.834	164	405155	20.00	ng		0.00
64) Phenanthrene-d10	11.322	188	632118	20.00	ng		# 0.00
76) Chrysene-d12	13.969	240	338797	20.00	ng		# 0.00
86) Perylene-d12	15.410	264	271347	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	675391	44.88	ng		0.00
7) Phenol-d6	6.440	99	808689	39.56	ng		0.00
23) Nitrobenzene-d5	7.357	82	639357	34.07	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	125119	30.33	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1077446	38.20	ng		0.00
79) Terphenyl-d14	12.910	244	811858	46.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	150359	17.31	ng		86
3) Pyridine	3.216	79	405595	19.17	ng		89
4) n-Nitrosodimethylamine	3.157	42	176197	18.01	ng		93
6) Aniline	6.457	93	486294	20.14	ng	#	87
8) 2-Chlorophenol	6.581	128	356259	22.03	ng		95
9) Benzaldehyde	6.346	77	224888	19.31	ng		96
10) Phenol	6.451	94	455167	20.43	ng		86
11) bis(2-Chloroethyl)ether	6.528	93	348707	21.82	ng		96
12) 1,3-Dichlorobenzene	6.734	146	366421	21.79	ng		98
13) 1,4-Dichlorobenzene	6.810	146	368709	21.51	ng		98
14) 1,2-Dichlorobenzene	6.963	146	344855	21.63	ng		99
15) Benzyl Alcohol	6.940	79	267819	16.80	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.069	45	586143	26.74	ng		97
17) 2-Methylphenol	7.057	107	278700	20.50	ng		96
18) Hexachloroethane	7.304	117	132692	21.43	ng	#	88
19) n-Nitroso-di-n-propyla...	7.204	70	225332	18.53	ng	#	85
20) 3+4-Methylphenols	7.210	107	349475	19.57	ng	#	78
22) Acetophenone	7.204	105	424881	19.07	ng		95
24) Nitrobenzene	7.375	77	357735	18.08	ng		97
25) Isophorone	7.616	82	655222	18.67	ng		98
26) 2-Nitrophenol	7.692	139	191028	23.05	ng	#	89
27) 2,4-Dimethylphenol	7.734	122	276815	21.58	ng		93
28) bis(2-Chloroethoxy)met...	7.828	93	390389	21.26	ng		100
29) 2,4-Dichlorophenol	7.940	162	278593	21.03	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	269470	18.71	ng		98
31) Naphthalene	8.098	128	970105	20.61	ng		100
32) Benzoic acid	7.857	122	198597	20.99	ng		91
33) 4-Chloroaniline	8.151	127	408984	21.35	ng		99
34) Hexachlorobutadiene	8.216	225	134487	16.56	ng		97
35) Caprolactam	8.510	113	88451	19.90	ng	#	72
36) 4-Chloro-3-methylphenol	8.639	107	286134	18.17	ng		93
37) 2-Methylnaphthalene	8.792	142	644689	20.56	ng		98
38) 1-Methylnaphthalene	8.887	142	602390	20.54	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	217250	17.94	ng		98
41) Hexachlorocyclopentadiene	8.945	237	62521	11.02	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	170387	19.84	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	183247	19.94	ng		96
46) 1,1'-Biphenyl	9.251	154	693699	20.64	ng		95
47) 2-Chloronaphthalene	9.281	162	572163	21.58	ng		96
48) 2-Nitroaniline	9.375	65	182544	19.21	ng		89
49) Acenaphthylene	9.692	152	875932	21.78	ng		99
50) Dimethylphthalate	9.557	163	625365	20.64	ng		99
51) 2,6-Dinitrotoluene	9.616	165	148136	21.21	ng	#	91
52) Acenaphthene	9.869	154	510198	18.40	ng		98
53) 3-Nitroaniline	9.786	138	180323	23.27	ng		95
54) 2,4-Dinitrophenol	9.898	184	64807	17.67	ng	#	91
55) Dibenzofuran	10.039	168	770755	20.53	ng		98
56) 4-Nitrophenol	9.963	139	115842	18.76	ng		88
57) 2,4-Dinitrotoluene	10.022	165	190002	20.23	ng		98
58) Fluorene	10.381	166	571274	19.33	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	127383m	17.38	ng		
60) Diethylphthalate	10.251	149	604072	20.13	ng		96
61) 4-Chlorophenyl-phenyle...	10.375	204	233511	16.60	ng		95
62) 4-Nitroaniline	10.398	138	173153	22.20	ng	#	81
63) Azobenzene	10.533	77	645319	18.67	ng		94
65) 4,6-Dinitro-2-methylph...	10.433	198	95523	22.45	ng		83
66) n-Nitrosodiphenylamine	10.492	169	510109	23.34	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	133813	19.42	ng	#	91
68) Hexachlorobenzene	10.933	284	141906	19.55	ng	#	90
69) Atrazine	11.022	200	131225	19.00	ng		97
70) Pentachlorophenol	11.133	266	68930	15.04	ng		97
71) Phenanthrene	11.345	178	791832	21.18	ng		99
72) Anthracene	11.398	178	800806	21.47	ng		99
73) Carbazole	11.557	167	794748	22.63	ng		98
74) Di-n-butylphthalate	11.886	149	913123	23.25	ng	#	98
75) Fluoranthene	12.533	202	737269	18.61	ng		94
77) Benzidine	12.663	184	254468	23.25	ng		97
78) Pyrene	12.763	202	739429	27.95	ng		99
80) Butylbenzylphthalate	13.386	149	330247	29.54	ng		95
81) Benzo(a)anthracene	13.957	228	496820	21.58	ng		97
82) 3,3'-Dichlorobenzidine	13.921	252	164804	21.53	ng	#	99
83) Chrysene	13.992	228	510805	22.59	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	392970	25.53	ng	#	98
85) Di-n-octyl phthalate	14.557	149	630987	23.99	ng		97
87) Indeno(1,2,3-cd)pyrene	16.839	276	401493	21.41	ng	#	84
88) Benzo(b)fluoranthene	14.998	252	429764	22.55	ng	#	95
89) Benzo(k)fluoranthene	15.021	252	389533	22.54	ng	#	95
90) Benzo(a)pyrene	15.351	252	384406	22.62	ng	#	93
91) Dibenzo(a,h)anthracene	16.857	278	341054	21.20	ng	#	90
92) Benzo(g,h,i)perylene	17.274	276	357281	24.11	ng	#	87

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

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