Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123381.D
Acq On : 18 Mar 2021 13:55
Operator : JU/CG
Sample : PB135224BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135224BS

Manual Integrations APPROVED
mohammad
3/19/2021 12:06:20 PM

Quant Time: Mar 18 14:33:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 02:38:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	200810	20.00	ng		0.00
21) Naphthalene-d8	8.075	136	844807	20.00	ng		# 0.00
39) Acenaphthene-d10	9.833	164	405214	20.00	ng		0.00
64) Phenanthrene-d10	11.322	188	662110	20.00	ng		# 0.00
76) Chrysene-d12	13.968	240	405624	20.00	ng		# 0.00
86) Perylene-d12	15.410	264	318873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1101758	77.92	ng		0.01
7) Phenol-d6	6.440	99	1322261	71.99	ng		0.00
23) Nitrobenzene-d5	7.357	82	988414	68.72	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	212594	75.07	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1556067	78.17	ng		0.00
79) Terphenyl-d14	12.910	244	1219851	58.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	286536	43.57	ng	#	85
3) Pyridine	3.310	79	738806	42.69	ng	#	86
4) n-Nitrosodimethylamine	3.263	42	338681	44.07	ng		95
6) Aniline	6.457	93	623835	28.83	ng	#	62
8) 2-Chlorophenol	6.581	128	626515	41.06	ng		95
9) Benzaldehyde	6.340	77	195521	19.48	ng		96
10) Phenol	6.451	94	758109	48.55	ng		92
11) bis(2-Chloroethyl)ether	6.528	93	642034	43.94	ng		95
12) 1,3-Dichlorobenzene	6.734	146	638936	42.19	ng		100
13) 1,4-Dichlorobenzene	6.810	146	643774	40.72	ng		98
14) 1,2-Dichlorobenzene	6.963	146	625036	40.70	ng		99
15) Benzyl Alcohol	6.939	79	497951	42.32	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.069	45	1059937	43.94	ng		98
17) 2-Methylphenol	7.057	107	500672	41.44	ng		96
18) Hexachloroethane	7.304	117	242449	44.19	ng		90
19) n-Nitroso-di-n-propyla...	7.210	70	382374	37.92	ng	#	85
20) 3+4-Methylphenols	7.210	107	591129	56.13	ng	#	81
22) Acetophenone	7.204	105	787712	38.99	ng		93
24) Nitrobenzene	7.375	77	646215	40.57	ng		98
25) Isophorone	7.616	82	1201889	40.26	ng		99
26) 2-Nitrophenol	7.692	139	365787	42.46	ng	#	89
27) 2,4-Dimethylphenol	7.734	122	544340	43.69	ng		95
28) bis(2-Chloroethoxy)met...	7.828	93	789859	45.60	ng		99
29) 2,4-Dichlorophenol	7.939	162	492588	40.54	ng		97
30) 1,2,4-Trichlorobenzene	8.016	180	481573	40.78	ng		99
31) Naphthalene	8.098	128	1718774	38.84	ng		100
32) Benzoic acid	7.886	122	464955	50.52	ng		89
33) 4-Chloroaniline	8.151	127	434360	23.85	ng		98
34) Hexachlorobutadiene	8.216	225	231806	40.08	ng		98
35) Caprolactam	8.522	113	183029m	43.50	ng		
36) 4-Chloro-3-methylphenol	8.645	107	525979	41.24	ng		94
37) 2-Methylnaphthalene	8.792	142	1146475	39.27	ng		99
38) 1-Methylnaphthalene	8.886	142	1078716	39.30	ng		96
40) 1,2,4,5-Tetrachloroben...	8.957	216	380576	39.97	ng	#	96
41) Hexachlorocyclopentadiene	8.945	237	349689	107.07	ng		97
43) 2,4,6-Trichlorophenol	9.075	196	310203	40.74	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	325503	39.52	ng		98
46) 1,1'-Biphenyl	9.257	154	1250895	37.86	ng		98
47) 2-Chloronaphthalene	9.281	162	1023478	39.05	ng		98
48) 2-Nitroaniline	9.381	65	350870	40.90	ng		93
49) Acenaphthylene	9.698	152	1553965	38.46	ng		99
50) Dimethylphthalate	9.563	163	1174354	41.00	ng		99
51) 2,6-Dinitrotoluene	9.622	165	271407	39.80	ng		95
52) Acenaphthene	9.869	154	896396	37.75	ng		99
53) 3-Nitroaniline	9.792	138	248865	29.09	ng		99
54) 2,4-Dinitrophenol	9.904	184	293456	86.00	ng		95
55) Dibenzofuran	10.039	168	1286410	40.78	ng		98
56) 4-Nitrophenol	9.969	139	489338	85.77	ng		85
57) 2,4-Dinitrotoluene	10.028	165	350391	40.30	ng		98
58) Fluorene	10.386	166	973377	42.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	239124m	41.11	ng		
60) Diethylphthalate	10.257	149	1122244	39.57	ng		97
61) 4-Chlorophenyl-phenyle...	10.375	204	398265	42.30	ng		93
62) 4-Nitroaniline	10.410	138	339177	39.93	ng	#	82
63) Azobenzene	10.533	77	1155072	38.07	ng		92
65) 4,6-Dinitro-2-methylph...	10.439	198	199064	42.73	ng		86
66) n-Nitrosodiphenylamine	10.492	169	908454	38.37	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	248921	39.48	ng	#	89
68) Hexachlorobenzene	10.933	284	258046	39.44	ng	#	88
69) Atrazine	11.027	200	233229	36.93	ng		97
70) Pentachlorophenol	11.133	266	286725	80.80	ng		97
71) Phenanthrene	11.345	178	1418189	35.10	ng		99
72) Anthracene	11.398	178	1462223	35.97	ng		100
73) Carbazole	11.557	167	1423683	34.40	ng		99
74) Di-n-butylphthalate	11.886	149	1756537	37.37	ng		99
75) Fluoranthene	12.539	202	1395175	42.45	ng		98
77) Benzidine	12.657	184	479372	32.53	ng		98
78) Pyrene	12.769	202	1424701	38.29	ng		99
80) Butylbenzylphthalate	13.386	149	753986	42.96	ng		97
81) Benzo(a)anthracene	13.957	228	1023560	38.28	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	311673	34.13	ng	#	96
83) Chrysene	13.998	228	1085420	39.31	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	882031	41.72	ng	#	99
85) Di-n-octyl phthalate	14.557	149	1572670	43.75	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.845	276	890453	41.67	ng	#	85
88) Benzo(b)fluoranthene	14.998	252	965758	42.14	ng	#	96
89) Benzo(k)fluoranthene	15.027	252	898105	43.75	ng	#	97
90) Benzo(a)pyrene	15.351	252	838750	41.50	ng	#	94
91) Dibenzo(a,h)anthracene	16.862	278	721817	40.90	ng	#	91
92) Benzo(g,h,i)perylene	17.280	276	776438	41.38	ng	#	87

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

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