Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124153.D
Acq On : 7 Jun 2021 12:49
Operator : JU/CG
Sample : PB136851BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136851BS

Manual Integrations APPROVED
mohammad
6/8/2021 2:50:27 PM

Quant Time: Jun 07 13:32:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 13:32:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	48906	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	182809	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	111678	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	207668	20.000	ng		0.00
76) Chrysene-d12	14.039	240	138970	20.000	ng	#	0.00
86) Perylene-d12	15.515	264	102669	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	392354	120.768	ng		0.02
7) Phenol-d6	6.510	99	479530	109.809	ng		0.00
23) Nitrobenzene-d5	7.433	82	367398	79.709	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	187695	118.629	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	722024	81.356	ng		0.00
79) Terphenyl-d14	12.980	244	818311	80.845	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	42968	30.221	ng		91
3) Pyridine	3.481	79	108378	29.764	ng		85
4) n-Nitrosodimethylamine	3.434	42	80420	37.169	ng		98
6) Aniline	6.528	93	169473	33.977	ng	#	89
8) 2-Chlorophenol	6.651	128	145989	40.384	ng		99
9) Benzaldehyde	6.410	77	90568	46.658	ng		91
10) Phenol	6.522	94	187896	39.814	ng	#	63
11) bis(2-Chloroethyl)ether	6.598	93	141062	41.001	ng		92
12) 1,3-Dichlorobenzene	6.804	146	168180	39.796	ng		93
13) 1,4-Dichlorobenzene	6.881	146	168526	39.756	ng		95
14) 1,2-Dichlorobenzene	7.034	146	160710	39.631	ng		96
15) Benzyl Alcohol	7.010	79	152544	38.749	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.139	45	211153	39.342	ng		86
17) 2-Methylphenol	7.122	107	115470	39.293	ng	#	86
18) Hexachloroethane	7.375	117	65723	39.370	ng	#	85
19) n-Nitroso-di-n-propyla...	7.281	70	122646	39.785	ng		91
20) 3+4-Methylphenols	7.275	107	154454	39.666	ng	#	83
22) Acetophenone	7.275	105	223244	42.838	ng		92
24) Nitrobenzene	7.451	77	174936	37.833	ng		94
25) Isophorone	7.686	82	312135	37.580	ng	#	95
26) 2-Nitrophenol	7.763	139	84715	41.014	ng		90
27) 2,4-Dimethylphenol	7.804	122	128715	44.192	ng		94
28) bis(2-Chloroethoxy)met...	7.892	93	181739	44.136	ng		99
29) 2,4-Dichlorophenol	8.010	162	134227	39.827	ng		94
30) 1,2,4-Trichlorobenzene	8.086	180	148815	39.401	ng		96
31) Naphthalene	8.169	128	428919	39.244	ng		99
32) Benzoic acid	7.951	122	71501	40.006	ng		94
33) 4-Chloroaniline	8.216	127	86738	21.337	ng		97
34) Hexachlorobutadiene	8.286	225	102700	38.496	ng		98
35) Caprolactam	8.604	113	36591m	39.520	ng		
36) 4-Chloro-3-methylphenol	8.704	107	147137	39.904	ng		91
37) 2-Methylnaphthalene	8.863	142	313301	40.877	ng		99
38) 1-Methylnaphthalene	8.963	142	283368	39.563	ng		96
40) 1,2,4,5-Tetrachloroben...	9.027	216	167494	42.331	ng		97
41) Hexachlorocyclopentadiene	9.016	237	185478	85.806	ng		95
43) 2,4,6-Trichlorophenol	9.139	196	101621	39.378	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	108256	39.077	ng		91
46) 1,1'-Biphenyl	9.327	154	393851	41.778	ng		97
47) 2-Chloronaphthalene	9.351	162	297340	38.749	ng		99
48) 2-Nitroaniline	9.451	65	108072	39.027	ng		94
49) Acenaphthylene	9.769	152	451417	40.471	ng		99
50) Dimethylphthalate	9.633	163	382104	41.355	ng		100
51) 2,6-Dinitrotoluene	9.692	165	79296	37.430	ng		90
52) Acenaphthene	9.939	154	280888	38.556	ng		94
53) 3-Nitroaniline	9.857	138	49343	24.886	ng		97
54) 2,4-Dinitrophenol	9.974	184	84422	78.032	ng	#	83
55) Dibenzofuran	10.116	168	449243	39.400	ng		99
56) 4-Nitrophenol	10.039	139	112801	79.604	ng		86
57) 2,4-Dinitrotoluene	10.098	165	110876	39.684	ng		94
58) Fluorene	10.457	166	344533	39.365	ng		90
59) 2,3,4,6-Tetrachlorophenol	10.233	232	89675	39.945	ng	#	95
60) Diethylphthalate	10.327	149	391610	41.997	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	184407	41.207	ng		97
62) 4-Nitroaniline	10.480	138	77750	38.999	ng	#	80
63) Azobenzene	10.604	77	379694	39.063	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	54266	32.516	ng	#	74
66) n-Nitrosodiphenylamine	10.569	169	313395	39.718	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	110743	38.852	ng	#	84
68) Hexachlorobenzene	11.004	284	128064	39.667	ng		94
69) Atrazine	11.098	200	112207	50.236	ng		98
70) Pentachlorophenol	11.204	266	125679	74.230	ng		95
71) Phenanthrene	11.421	178	509233	39.254	ng		97
72) Anthracene	11.474	178	516015	39.497	ng		99
73) Carbazole	11.627	167	424872	37.318	ng		97
74) Di-n-butylphthalate	11.951	149	632977	43.261	ng		99
75) Fluoranthene	12.610	202	523697	38.459	ng		98
77) Benzidine	12.727	184	222915	67.064	ng	#	96
78) Pyrene	12.839	202	514520	38.556	ng		97
80) Butylbenzylphthalate	13.451	149	237790	43.926	ng		96
81) Benzo(a)anthracene	14.027	228	390537	38.576	ng		97
82) 3,3'-Dichlorobenzidine	13.986	252	87585	29.490	ng		99
83) Chrysene	14.062	228	379993	38.903	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	336628	52.276	ng		97
85) Di-n-octyl phthalate	14.627	149	475585	55.339	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.021	276	323029	38.724	ng		98
88) Benzo(b)fluoranthene	15.086	252	332420	41.681	ng		99
89) Benzo(k)fluoranthene	15.115	252	306709	40.623	ng		98
90) Benzo(a)pyrene	15.456	252	296394	42.787	ng		96
91) Dibenzo(a,h)anthracene	17.027	278	268812	37.831	ng		97
92) Benzo(g,h,i)perylene	17.468	276	268674	38.179	ng		98

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

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