Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119503.D
Acq On : 25 Mar 2020 13:52
Operator : CG/JU
Sample : PB127731BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Manual Integrations APPROVED
mohammad
3/27/2020 8:11:56 AM

Quant Time: Mar 25 14:26:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 14:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	310532	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1219983	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	639648	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	1239878	20.00	ng		0.00
76) Chrysene-d12	14.02	240	927764	20.00	ng		0.00
87) Perylene-d12	15.49	264	857025	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2368073	121.40	ng		0.02
7) Phenol-d6	6.47	99	3064014	122.96	ng		0.00
23) Nitrobenzene-d5	7.41	82	1936765	86.28	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	919924	139.40	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	3666910	84.93	ng		0.00
79) Terphenyl-d14	12.97	244	4251217	89.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	340385	35.331	ng		98
3) Pyridine	3.42	79	951957	35.866	ng		98
4) n-Nitrosodimethylamine	3.38	42	525258	40.581	ng		98
6) Aniline	6.50	93	1151587	33.485	ng		99
8) 2-Chlorophenol	6.63	128	1020339	49.802	ng		99
9) Benzaldehyde	6.39	77	636503	40.265	ng		98
10) Phenol	6.49	94	1257716	47.302	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	952961	44.813	ng		99
12) 1,3-Dichlorobenzene	6.79	146	1006036	45.370	ng		98
13) 1,4-Dichlorobenzene	6.86	146	1019318	45.958	ng		99
14) 1,2-Dichlorobenzene	7.02	146	955595	46.094	ng		99
15) Benzyl Alcohol	6.99	79	846132	45.141	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1842571	42.956	ng		98
17) 2-Methylphenol	7.10	107	817049	43.526	ng		98
18) Hexachloroethane	7.36	117	387415	47.664	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	701970	46.736	ng		95
20) 3+4-Methylphenols	7.25	107	985902	42.855	ng	#	82
22) Acetophenone	7.26	105	1298387	44.540	ng		96
24) Nitrobenzene	7.43	77	1047283	43.656	ng		98
25) Isophorone	7.67	82	1974157	43.354	ng		99
26) 2-Nitrophenol	7.75	139	531164	56.234	ng		97
27) 2,4-Dimethylphenol	7.78	122	908207	46.500	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1243549	46.183	ng		99
29) 2,4-Dichlorophenol	7.99	162	835513	46.557	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	891790	44.934	ng		98
31) Naphthalene	8.15	128	2805228	44.682	ng		99
32) Benzoic acid	7.91	122	718895	57.221	ng		99
33) 4-Chloroaniline	8.20	127	605359	21.043	ng		98
34) Hexachlorobutadiene	8.27	225	513830	46.273	ng		98
35) Caprolactam	8.57	113	274703m	46.772	ng		
36) 4-Chloro-3-methylphenol	8.68	107	928613	47.344	ng		96
37) 2-Methylnaphthalene	8.85	142	1932058	46.891	ng		99
38) 1-Methylnaphthalene	8.95	142	1817366	46.600	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	822213	43.855	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1041093	97.674 ng		97
43) 2,4,6-Trichlorophenol	9.12	196	638783	47.610 ng		99
44) 2,4,5-Trichlorophenol	9.16	196	646798	43.034 ng		98
46) 1,1'-Biphenyl	9.31	154	2311693	44.373 ng		100
47) 2-Chloronaphthalene	9.34	162	1794455	43.974 ng		97
48) 2-Nitroaniline	9.43	65	676318	48.016 ng		97
49) Acenaphthylene	9.76	152	2811191	43.868 ng		99
50) Dimethylphthalate	9.62	163	2113089	46.508 ng		99
51) 2,6-Dinitrotoluene	9.67	165	481631	49.456 ng		92
52) Acenaphthene	9.93	154	2002116	50.116 ng		99
53) 3-Nitroaniline	9.84	138	333006	27.085 ng		100
54) 2,4-Dinitrophenol	9.95	184	530531	121.727 ng		87
55) Dibenzofuran	10.10	168	2563400	44.754 ng		98
56) 4-Nitrophenol	10.00	139	861442	88.817 ng		88
57) 2,4-Dinitrotoluene	10.08	165	647756	52.800 ng		97
58) Fluorene	10.44	166	1941414	45.835 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	569494	50.690 ng		99
60) Diethylphthalate	10.32	149	2214325	48.019 ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	959894	46.343 ng		99
62) 4-Nitroaniline	10.46	138	516237	43.786 ng		98
63) Azobenzene	10.59	77	2131083	45.892 ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	343789	66.124 ng		92
66) n-Nitrosodiphenylamine	10.55	169	1838719	45.174 ng		98
67) 4-Bromophenyl-phenylether	10.92	248	637806	45.168 ng		97
68) Hexachlorobenzene	10.99	284	686412	47.495 ng	#	90
69) Atrazine	11.08	200	575482	51.572 ng		99
70) Pentachlorophenol	11.19	266	787646	92.948 ng		97
71) Phenanthrene	11.40	178	2838936	44.158 ng		98
72) Anthracene	11.46	178	2922811	44.731 ng		98
73) Carbazole	11.61	167	2756906	42.627 ng		98
74) Di-n-butylphthalate	11.95	149	3471819	50.181 ng		97
75) Fluoranthene	12.59	202	3173536	45.611 ng		99
77) Benzidine	12.71	184	1494618	38.067 ng		97
78) Pyrene	12.82	202	3175398	41.704 ng		99
80) Butylbenzylphthalate	13.45	149	1593132	51.733 ng		99
81) Benzo(a)anthracene	14.02	228	2574320	42.670 ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	877939	36.907 ng		96
83) Chrysene	14.05	228	2677089	42.996 ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	2115256	57.619 ng		100
85) Di-n-octyl phthalate	14.62	149	3811492	59.035 ng	#	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2481004	42.309 ng		98
88) Benzo(b)fluoranthene	15.06	252	2647182	46.240 ng		99
89) Benzo(k)fluoranthene	15.10	252	2582544	47.375 ng		98
90) Benzo(a)pyrene	15.43	252	2315354	44.503 ng		98
91) Dibenzo(a,h)anthracene	16.98	278	2035491	44.730 ng		98
92) Benzo(g,h,i)perylene	17.40	276	2005911	43.877 ng		97

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

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