Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120831.D
Acq On : 10 Jul 2020 15:03
Operator : JU/CG
Sample : PB130117BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB130117BS

Manual Integrations APPROVED
mohammad
7/13/2020 1:04:41 PM

Quant Time: Jul 10 15:28:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153717	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	574928	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	280466	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	485579	20.00	ng		0.00
76) Chrysene-d12	14.01	240	328635	20.00	ng		0.00
86) Perylene-d12	15.47	264	277222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1371399	137.72	ng		0.01
7) Phenol-d6	6.48	99	1675897	131.79	ng		0.00
23) Nitrobenzene-d5	7.42	82	1077388	108.57	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	423464	150.29	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1779578	96.00	ng		0.00
79) Terphenyl-d14	12.96	244	1771858	105.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	186587	41.019	ng		100
3) Pyridine	3.39	79	514246	41.273	ng		99
4) n-Nitrosodimethylamine	3.35	42	276453	44.352	ng	#	98
6) Aniline	6.51	93	633755	38.805	ng		99
8) 2-Chlorophenol	6.63	128	486937	45.929	ng		97
9) Benzaldehyde	6.39	77	155685	20.584	ng		97
10) Phenol	6.49	94	585938m	44.790	ng		
11) bis(2-Chloroethyl)ether	6.59	93	479653	45.058	ng		97
12) 1,3-Dichlorobenzene	6.79	146	523915	44.896	ng		98
13) 1,4-Dichlorobenzene	6.87	146	523681	44.805	ng		99
14) 1,2-Dichlorobenzene	7.02	146	490463	44.106	ng		99
15) Benzyl Alcohol	6.99	79	404359	42.320	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	705822	42.509	ng		99
17) 2-Methylphenol	7.10	107	395635	41.714	ng		98
18) Hexachloroethane	7.36	117	203199	46.255	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	329984	43.096	ng		97
20) 3+4-Methylphenols	7.25	107	470564	40.283	ng		96
22) Acetophenone	7.26	105	639630	44.759	ng	#	91
24) Nitrobenzene	7.43	77	516746	46.379	ng		96
25) Isophorone	7.67	82	919676	42.975	ng		97
26) 2-Nitrophenol	7.75	139	231961	49.396	ng		96
27) 2,4-Dimethylphenol	7.78	122	402995	47.174	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	584922	46.182	ng		99
29) 2,4-Dichlorophenol	7.99	162	388573	45.563	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	440532	45.990	ng		98
31) Naphthalene	8.16	128	1366746	44.482	ng		100
32) Benzoic acid	7.90	122	257724	43.135	ng		94
33) 4-Chloroaniline	8.20	127	307764	23.605	ng		97
34) Hexachlorobutadiene	8.27	225	256507	44.525	ng		99
35) Caprolactam	8.57	113	108509m	43.666	ng		
36) 4-Chloro-3-methylphenol	8.68	107	400305	45.124	ng		92
37) 2-Methylnaphthalene	8.85	142	897759	44.947	ng		99
38) 1-Methylnaphthalene	8.95	142	854274	45.660	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	381466	45.003	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	484015	96.646	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	268934	46.561	ng	97
44) 2,4,5-Trichlorophenol	9.16	196	285377	44.521	ng	97
46) 1,1'-Biphenyl	9.31	154	1044059	46.150	ng	99
47) 2-Chloronaphthalene	9.33	162	825480	45.546	ng	99
48) 2-Nitroaniline	9.43	65	253291	46.746	ng	96
49) Acenaphthylene	9.75	152	1274879	44.866	ng	100
50) Dimethylphthalate	9.61	163	918526	44.895	ng	99
51) 2,6-Dinitrotoluene	9.67	165	197740	48.601	ng	90
52) Acenaphthene	9.92	154	860882	48.836	ng	98
53) 3-Nitroaniline	9.83	138	137400	28.473	ng	98
54) 2,4-Dinitrophenol	9.94	184	160305	97.802	ng	95
55) Dibenzofuran	10.09	168	1154332	45.428	ng	99
56) 4-Nitrophenol	9.99	139	343340	91.205	ng	98
57) 2,4-Dinitrotoluene	10.07	165	264268	51.909	ng	93
58) Fluorene	10.43	166	855197	45.217	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	231836m	48.603	ng	
60) Diethylphthalate	10.31	149	935597	43.898	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	410753	43.201	ng	98
62) 4-Nitroaniline	10.45	138	210323	48.383	ng	95
63) Azobenzene	10.59	77	961236	44.089	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	107102	51.801	ng	95
66) n-Nitrosodiphenylamine	10.55	169	780250	47.940	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	257339	45.686	ng	95
68) Hexachlorobenzene	10.98	284	286136	48.410	ng	96
69) Atrazine	11.07	200	213978	51.033	ng	99
70) Pentachlorophenol	11.17	266	324241	96.958	ng	99
71) Phenanthrene	11.40	178	1195503	45.375	ng	100
72) Anthracene	11.45	178	1234951	46.385	ng	100
73) Carbazole	11.60	167	1122366	43.869	ng	100
74) Di-n-butylphthalate	11.93	149	1374783	43.402	ng	99
75) Fluoranthene	12.58	202	1252255	44.617	ng	99
77) Benzidine	12.70	184	544476	58.697	ng	98
78) Pyrene	12.81	202	1258701	47.957	ng	99
80) Butylbenzylphthalate	13.43	149	508214	44.849	ng	98
81) Benzo(a)anthracene	14.00	228	970710	46.079	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	227464	31.996	ng	97
83) Chrysene	14.04	228	1005589	46.798	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	654702	44.059	ng	99
85) Di-n-octyl phthalate	14.61	149	1120005	42.605	ng	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	912969	51.344	ng	99
88) Benzo(b)fluoranthene	15.04	252	861022	47.243	ng	99
89) Benzo(k)fluoranthene	15.07	252	895738	50.509	ng	99
90) Benzo(a)pyrene	15.41	252	777443	47.819	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	776999	52.428	ng	99
92) Benzo(g,h,i)perylene	17.36	276	715682	52.838	ng	99

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

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