Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118593.D
Acq On : 20 Jan 2020 16:03
Operator : CG/JU
Sample : PB126190BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126190BS

Manual Integrations APPROVED
mohammad
1/21/2020 2:26:03 PM

Quant Time: Jan 21 01:53:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	445150	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1668823	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	975334	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1815019	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1445424	20.00	ng		0.00
87) Perylene-d12	15.52	264	1264426	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2984005	124.50	ng		0.01
7) Phenol-d6	6.51	99	3917620	125.76	ng		0.00
23) Nitrobenzene-d5	7.44	82	2260590	75.77	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	1428462	126.63	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	4239026	71.44	ng		0.00
79) Terphenyl-d14	12.99	244	4946491	74.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	467571	40.277	ng		99
3) Pyridine	3.51	79	1152982	35.238	ng		100
4) n-Nitrosodimethylamine	3.45	42	575930	41.056	ng		96
6) Aniline	6.54	93	1414075	34.473	ng		100
8) 2-Chlorophenol	6.67	128	1213582	45.110	ng		100
9) Benzaldehyde	6.43	77	652176	34.423	ng		95
10) Phenol	6.52	94	1535304	43.246	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	1118446	42.462	ng		99
12) 1,3-Dichlorobenzene	6.82	146	1318132	41.861	ng		97
13) 1,4-Dichlorobenzene	6.90	146	1311081	41.479	ng		98
14) 1,2-Dichlorobenzene	7.05	146	1246570	41.952	ng		99
15) Benzyl Alcohol	7.02	79	1103824	44.681	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1493236	40.700	ng		100
17) 2-Methylphenol	7.13	107	1006869	44.931	ng		100
18) Hexachloroethane	7.40	117	477523	41.663	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	907410	43.138	ng		99
20) 3+4-Methylphenols	7.28	107	1258522	45.999	ng	#	89
22) Acetophenone	7.29	105	1643245	41.567	ng	#	95
24) Nitrobenzene	7.46	77	1312665	42.968	ng		99
25) Isophorone	7.70	82	2383186	43.793	ng		100
26) 2-Nitrophenol	7.77	139	596650	45.799	ng		95
27) 2,4-Dimethylphenol	7.82	122	1171915	52.094	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	1449016	41.325	ng		99
29) 2,4-Dichlorophenol	8.02	162	1092256	43.921	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	1184356	41.074	ng		99
31) Naphthalene	8.19	128	3347500	44.405	ng		99
32) Benzoic acid	7.93	122	746879	44.237	ng		98
33) 4-Chloroaniline	8.23	127	755418	21.680	ng		98
34) Hexachlorobutadiene	8.31	225	686412	39.090	ng		99
35) Caprolactam	8.60	113	347749m	42.730	ng		
36) 4-Chloro-3-methylphenol	8.71	107	1109848	45.194	ng		100
37) 2-Methylnaphthalene	8.88	142	2420256	45.483	ng		99
38) 1-Methylnaphthalene	8.98	142	2286854	45.236	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1212924	39.745	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1484349	96.404	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	861467	42.540	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	889585	43.012	ng		99
46) 1,1'-Biphenyl	9.35	154	2840637	42.259	ng		99
47) 2-Chloronaphthalene	9.37	162	2344732	41.384	ng		99
48) 2-Nitroaniline	9.46	65	715110	41.059	ng		96
49) Acenaphthylene	9.79	152	3514245	44.090	ng		100
50) Dimethylphthalate	9.65	163	2659400	41.851	ng		100
51) 2,6-Dinitrotoluene	9.70	165	634437	44.587	ng		94
52) Acenaphthene	9.96	154	2464984	46.249	ng		99
53) 3-Nitroaniline	9.86	138	437063	26.899	ng		96
54) 2,4-Dinitrophenol	9.97	184	567785	99.950	ng	#	36
55) Dibenzofuran	10.13	168	3216234	43.545	ng		99
56) 4-Nitrophenol	10.03	139	1134706	92.510	ng		92
57) 2,4-Dinitrotoluene	10.10	165	829806	46.259	ng		96
58) Fluorene	10.47	166	2548868	43.958	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	788817	43.362	ng		98
60) Diethylphthalate	10.34	149	2617577	42.486	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	1352441	42.885	ng		99
62) 4-Nitroaniline	10.49	138	651784	39.107	ng		98
63) Azobenzene	10.62	77	2640575	44.255	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	389760	48.835	ng		98
66) n-Nitrosodiphenylamine	10.58	169	2331345	42.592	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	932133	41.569	ng		94
68) Hexachlorobenzene	11.02	284	1025952	40.355	ng		97
69) Atrazine	11.10	200	844710	44.524	ng		99
70) Pentachlorophenol	11.21	266	1225586	86.708	ng		98
71) Phenanthrene	11.43	178	3742123	42.736	ng		99
72) Anthracene	11.49	178	3767377	43.481	ng		99
73) Carbazole	11.63	167	3394371	42.711	ng		99
74) Di-n-butylphthalate	11.97	149	3750933	42.481	ng		98
75) Fluoranthene	12.62	202	3907051	42.305	ng		98
77) Benzidine	12.73	184	2302105	59.608	ng		96
78) Pyrene	12.85	202	3995672	40.718	ng		99
80) Butylbenzylphthalate	13.47	149	1646733	41.003	ng		98
81) Benzo(a)anthracene	14.03	228	3611493	41.535	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	849035	27.403	ng		99
83) Chrysene	14.07	228	3459013	41.508	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	2113660	43.078	ng		100
85) Di-n-octyl phthalate	14.64	149	3315864	45.656	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2892293	39.944	ng		100
88) Benzo(b)fluoranthene	15.09	252	3239327	40.757	ng		99
89) Benzo(k)fluoranthene	15.12	252	3198357	43.436	ng		98
90) Benzo(a)pyrene	15.45	252	2832314	41.311	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	2447236	40.353	ng		99
92) Benzo(g,h,i)perylene	17.44	276	2374288	40.322	ng		99

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

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