Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
Data File : BF119020.D
Acq On : 24 Feb 2020 13:37
Operator : CG/JU
Sample : PB126979BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126979BS

Manual Integrations APPROVED
mohammad
2/25/2020 4:19:11 PM

Quant Time: Feb 25 00:43:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	172420	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	662331	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	379642	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	722681	20.00	ng		0.00
76) Chrysene-d12	13.92	240	519293	20.00	ng		0.00
87) Perylene-d12	15.34	264	405677	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1077672	104.45	ng		0.01
7) Phenol-d6	6.40	99	1330461	106.03	ng		0.00
23) Nitrobenzene-d5	7.32	82	793307	63.24	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	514711	103.64	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	1637325	63.54	ng		0.00
79) Terphenyl-d14	12.86	244	1961919	65.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	154352	33.602	ng		100
3) Pyridine	3.29	79	369681	29.468	ng		99
4) n-Nitrosodimethylamine	3.22	42	143635	37.795	ng		95
6) Aniline	6.42	93	411829	26.599	ng	#	20
8) 2-Chlorophenol	6.55	128	449421	40.364	ng		95
9) Benzaldehyde	6.30	77	197979	23.616	ng		99
10) Phenol	6.42	94	529275	39.014	ng		93
11) bis(2-Chloroethyl)ether	6.49	93	405014	39.018	ng		99
12) 1,3-Dichlorobenzene	6.70	146	491064	36.797	ng		99
13) 1,4-Dichlorobenzene	6.77	146	494763	37.049	ng		99
14) 1,2-Dichlorobenzene	6.93	146	463403	38.049	ng		99
15) Benzyl Alcohol	6.90	79	383166	42.252	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	334124	37.159	ng		89
17) 2-Methylphenol	7.02	107	370513	41.044	ng		95
18) Hexachloroethane	7.27	117	176702	36.985	ng		99
19) n-Nitroso-di-n-propylamine	7.17	70	296641	40.572	ng		98
20) 3+4-Methylphenols	7.17	107	458455	41.453	ng	#	78
22) Acetophenone	7.17	105	595224	38.841	ng		97
24) Nitrobenzene	7.34	77	463394	37.356	ng		99
25) Isophorone	7.58	82	845923	38.830	ng		99
26) 2-Nitrophenol	7.66	139	256340	39.001	ng		97
27) 2,4-Dimethylphenol	7.70	122	397520	44.563	ng		98
28) bis(2-Chloroethoxy)methane	7.79	93	519245	36.618	ng		100
29) 2,4-Dichlorophenol	7.90	162	408517	38.901	ng		100
30) 1,2,4-Trichlorobenzene	7.98	180	447114	35.910	ng		99
31) Naphthalene	8.06	128	1294869	37.697	ng		99
32) Benzoic acid	7.85	122	224311	36.346	ng		97
33) 4-Chloroaniline	8.11	127	320683	21.706	ng		99
34) Hexachlorobutadiene	8.18	225	263099	33.924	ng		97
35) Caprolactam	8.49	113	117109m	36.217	ng		
36) 4-Chloro-3-methylphenol	8.60	107	430320	40.490	ng		99
37) 2-Methylnaphthalene	8.75	142	911114	39.414	ng		100
38) 1-Methylnaphthalene	8.85	142	850278	39.112	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	447259	34.942	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	269700	60.483	ng		97
43) 2,4,6-Trichlorophenol	9.03	196	300884	37.224	ng		99
44) 2,4,5-Trichlorophenol	9.08	196	318413	37.540	ng	#	94
46) 1,1'-Biphenyl	9.22	154	1101755	35.908	ng		99
47) 2-Chloronaphthalene	9.24	162	881624	35.656	ng		98
48) 2-Nitroaniline	9.34	65	250506	36.324	ng		98
49) Acenaphthylene	9.66	152	1367860	38.303	ng		99
50) Dimethylphthalate	9.52	163	1084144	37.345	ng		99
51) 2,6-Dinitrotoluene	9.58	165	248413	38.515	ng		98
52) Acenaphthene	9.83	154	797753	37.047	ng		99
53) 3-Nitroaniline	9.75	138	173605	24.279	ng		98
54) 2,4-Dinitrophenol	9.87	184	219087	70.835	ng		99
55) Dibenzofuran	10.00	168	1221251	37.997	ng		99
56) 4-Nitrophenol	9.93	139	322393	75.044	ng		98
57) 2,4-Dinitrotoluene	9.99	165	319632	38.233	ng		94
58) Fluorene	10.34	166	948003	37.958	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	268134	37.464	ng		99
60) Diethylphthalate	10.22	149	1032314	37.734	ng		100
61) 4-Chlorophenyl-phenylether	10.33	204	492965	37.290	ng		97
62) 4-Nitroaniline	10.37	138	247380	33.816	ng		96
63) Azobenzene	10.49	77	913281	38.406	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	176286	40.312	ng		94
66) n-Nitrosodiphenylamine	10.45	169	874580	36.959	ng		99
67) 4-Bromophenyl-phenylether	10.82	248	334025	35.360	ng		96
68) Hexachlorobenzene	10.90	284	382159	35.089	ng		93
69) Atrazine	10.98	200	316221	38.248	ng		99
70) Pentachlorophenol	11.09	266	327781	74.713	ng		99
71) Phenanthrene	11.30	178	1438040	36.488	ng		100
72) Anthracene	11.35	178	1473100	37.409	ng		100
73) Carbazole	11.51	167	1295165	36.919	ng		99
74) Di-n-butylphthalate	11.84	149	1589977	37.425	ng		100
75) Fluoranthene	12.49	202	1537542	36.753	ng		99
77) Benzidine	12.60	184	423666	20.061	ng		97
78) Pyrene	12.72	202	1552801	37.239	ng		100
80) Butylbenzylphthalate	13.33	149	671925	38.287	ng		99
81) Benzo(a)anthracene	13.90	228	1299605	36.730	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	403940	29.400	ng		99
83) Chrysene	13.94	228	1278262	36.257	ng		100
84) Bis(2-ethylhexyl)phthalate	13.89	149	888024	40.052	ng		99
85) Di-n-octyl phthalate	14.50	149	1418230	40.147	ng		100
86) Indeno(1,2,3-cd)pyrene	16.76	276	1042813	30.547	ng		98
88) Benzo(b)fluoranthene	14.93	252	1158907	43.340	ng		99
89) Benzo(k)fluoranthene	14.96	252	1135275	45.813	ng		99
90) Benzo(a)pyrene	15.28	252	986674	40.884	ng		98
91) Dibenzo(a,h)anthracene	16.76	278	880045	41.444	ng		97
92) Benzo(g,h,i)perylene	17.17	276	874451	41.678	ng		98

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

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