Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116483.D
Acq On : 23 Aug 2019 18:01
Operator : HP/JU
Sample : PB122424BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122424BS

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:42 AM

Quant Time: Aug 24 03:47:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	103838	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	407282	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	192242	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	288193	20.00	ng		0.00
76) Chrysene-d12	14.03	240	180830	20.00	ng		0.00
87) Perylene-d12	15.49	264	194119	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	625068	87.96	ng		0.01
7) Phenol-d6	6.50	99	769761	88.34	ng		0.00
23) Nitrobenzene-d5	7.44	82	437065	58.71	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	152968	92.67	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	773955	64.83	ng		0.00
79) Terphenyl-d14	12.97	244	630692	65.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	118380	38.473	ng		98
3) Pyridine	3.49	79	286453	30.571	ng		98
4) n-Nitrosodimethylamine	3.43	42	124069	36.271	ng		97
6) Aniline	6.55	93	336247	28.503	ng		100
8) 2-Chlorophenol	6.67	128	270549	36.278	ng		99
9) Benzaldehyde	6.43	77	218853	37.590	ng		99
10) Phenol	6.52	94	323332m	34.170	ng		
11) bis(2-Chloroethyl)ether	6.62	93	262487	36.433	ng		99
12) 1,3-Dichlorobenzene	6.83	146	295764	36.641	ng		96
13) 1,4-Dichlorobenzene	6.90	146	302653	38.957	ng		98
14) 1,2-Dichlorobenzene	7.06	146	278157	37.954	ng		99
15) Benzyl Alcohol	7.02	79	243112	34.475	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	340511	34.182	ng		99
17) 2-Methylphenol	7.13	107	218734	35.400	ng		99
18) Hexachloroethane	7.40	117	111134	36.679	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	196298	33.014	ng		96
20) 3+4-Methylphenols	7.28	107	269929	35.661	ng	#	88
22) Acetophenone	7.29	105	380826	37.393	ng	#	98
24) Nitrobenzene	7.46	77	291475	37.808	ng		97
25) Isophorone	7.70	82	513870	35.028	ng		99
26) 2-Nitrophenol	7.77	139	127263	45.192	ng		97
27) 2,4-Dimethylphenol	7.81	122	228125	38.825	ng		97
28) bis(2-Chloroethoxy)methane	7.91	93	313151	34.565	ng		99
29) 2,4-Dichlorophenol	8.02	162	205310	36.742	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	245384	39.008	ng		97
31) Naphthalene	8.19	128	764928	38.824	ng		99
32) Benzoic acid	7.90	122	131995	35.139	ng		97
33) 4-Chloroaniline	8.23	127	167631	19.381	ng		97
34) Hexachlorobutadiene	8.31	225	134155	39.104	ng		99
35) Caprolactam	8.57	113	55930	28.735	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	212064	33.635	ng		97
37) 2-Methylnaphthalene	8.87	142	496574	36.707	ng		99
38) 1-Methylnaphthalene	8.97	142	459091	36.329	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	208233	40.260	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	246123	88.445	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	136252	37.640	ng		97
44) 2,4,5-Trichlorophenol	9.18	196	137805	37.414	ng		98
46) 1,1'-Biphenyl	9.34	154	588792	38.308	ng		98
47) 2-Chloronaphthalene	9.36	162	447983	37.596	ng		98
48) 2-Nitroaniline	9.45	65	122034	33.449	ng		95
49) Acenaphthylene	9.77	152	672537	38.578	ng		100
50) Dimethylphthalate	9.63	163	465690	34.720	ng		99
51) 2,6-Dinitrotoluene	9.69	165	102245	37.242	ng		94
52) Acenaphthene	9.95	154	445319	39.809	ng		97
53) 3-Nitroaniline	9.85	138	68473	20.924	ng		99
54) 2,4-Dinitrophenol	9.96	184	63300	61.108	ng	#	24
55) Dibenzofuran	10.12	168	587749	37.692	ng		100
56) 4-Nitrophenol	10.00	139	160092	62.939	ng		100
57) 2,4-Dinitrotoluene	10.09	165	126631	36.249	ng	#	87
58) Fluorene	10.46	166	435820	35.973	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	110354	36.489	ng		98
60) Diethylphthalate	10.33	149	444749	33.737	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	214568	36.304	ng		95
62) 4-Nitroaniline	10.46	138	95217	29.750	ng		94
63) Azobenzene	10.62	77	487973	36.000	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	46683	40.744	ng		86
66) n-Nitrosodiphenylamine	10.57	169	387363	41.511	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	122570	40.568	ng		98
68) Hexachlorobenzene	11.01	284	128996	38.601	ng	#	89
69) Atrazine	11.09	200	103681	37.083	ng		100
70) Pentachlorophenol	11.20	266	146365	75.070	ng		99
71) Phenanthrene	11.42	178	617440	39.328	ng		99
72) Anthracene	11.47	178	632252	40.077	ng		99
73) Carbazole	11.62	167	526630	37.189	ng		97
74) Di-n-butylphthalate	11.96	149	655259	37.342	ng		99
75) Fluoranthene	12.60	202	590114	36.357	ng		98
77) Benzidine	12.72	184	247217	33.980	ng		98
78) Pyrene	12.83	202	587952	40.657	ng		99
80) Butylbenzylphthalate	13.45	149	242773	38.873	ng		89
81) Benzo(a)anthracene	14.02	228	459140	39.203	ng		98
82) 3,3'-Dichlorobenzidine	13.98	252	131343	31.470	ng		100
83) Chrysene	14.06	228	456297	38.439	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	338807	40.684	ng		99
85) Di-n-octyl phthalate	14.63	149	581312	41.116	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	531240	52.244	ng		99
88) Benzo(b)fluoranthene	15.06	252	450034	37.529	ng		98
89) Benzo(k)fluoranthene	15.10	252	419960	38.656	ng		99
90) Benzo(a)pyrene	15.43	252	428579	40.438	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	442190	50.775	ng		99
92) Benzo(g,h,i)perylene	17.40	276	453730	54.650	ng		99

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

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