Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116424.D
Acq On : 20 Aug 2019 10:23
Operator : HP/JU
Sample : PB122336BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB122336BS

Manual Integrations APPROVED
Jagrut
8/21/2019 3:51:02 PM

Quant Time: Aug 20 15:18:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120924	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	505286	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	265995	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	463648	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	327970	20.00	ng		-0.01
87) Perylene-d12	15.42	264	251151	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	819446	113.44	ng		0.00
7) Phenol-d6	6.46	99	980694	107.61	ng		0.00
23) Nitrobenzene-d5	7.37	82	646153	73.82	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	270039	104.71	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1110942	78.23	ng		-0.01
79) Terphenyl-d14	12.90	244	1252939	80.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	134304	36.804	ng		98
3) Pyridine	3.40	79	299202	29.352	ng		99
4) n-Nitrosodimethylamine	3.33	42	141112	35.078	ng		100
6) Aniline	6.47	93	348847	26.728	ng	#	50
8) 2-Chlorophenol	6.60	128	340884	42.677	ng		96
9) Benzaldehyde	6.37	77	77549	12.332	ng		98
10) Phenol	6.47	94	423483	39.459	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	323042	40.941	ng		96
12) 1,3-Dichlorobenzene	6.75	146	357171	38.691	ng		99
13) 1,4-Dichlorobenzene	6.82	146	368942	39.916	ng		99
14) 1,2-Dichlorobenzene	6.97	146	341280	40.100	ng		99
15) Benzyl Alcohol	6.96	79	273462	39.539	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	420194	39.042	ng		61
17) 2-Methylphenol	7.07	107	279360	41.304	ng	#	90
18) Hexachloroethane	7.31	117	133027	39.091	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	237926	42.130	ng		98
20) 3+4-Methylphenols	7.23	107	365344	45.647	ng	#	77
22) Acetophenone	7.22	105	471404	42.539	ng	#	93
24) Nitrobenzene	7.39	77	379295	40.129	ng		98
25) Isophorone	7.63	82	672113	40.154	ng		99
26) 2-Nitrophenol	7.71	139	185451	41.624	ng		95
27) 2,4-Dimethylphenol	7.75	122	299610	44.697	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	410899	39.606	ng		99
29) 2,4-Dichlorophenol	7.96	162	290858	41.096	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	311473	38.607	ng		99
31) Naphthalene	8.10	128	972683	40.907	ng		99
32) Benzoic acid	7.91	122	163759	34.651	ng		98
33) 4-Chloroaniline	8.16	127	280737	26.425	ng		98
34) Hexachlorobutadiene	8.22	225	176585	38.000	ng		98
35) Caprolactam	8.54	113	89087m	38.918	ng		
36) 4-Chloro-3-methylphenol	8.66	107	301516	40.950	ng		98
37) 2-Methylnaphthalene	8.80	142	642295	41.016	ng		99
38) 1-Methylnaphthalene	8.89	142	599393	40.459	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	293276	41.242	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	115466	39.414	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	180588	36.895	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	186463	36.853	ng		96
46) 1,1'-Biphenyl	9.26	154	780311	41.552	ng		99
47) 2-Chloronaphthalene	9.29	162	615789	39.398	ng		100
48) 2-Nitroaniline	9.39	65	191980	37.161	ng		97
49) Acenaphthylene	9.70	152	921364	40.406	ng		98
50) Dimethylphthalate	9.56	163	711672	39.294	ng		100
51) 2,6-Dinitrotoluene	9.63	165	159790	40.598	ng	#	82
52) Acenaphthene	9.87	154	558940	39.956	ng		99
53) 3-Nitroaniline	9.80	138	127961	26.312	ng		99
54) 2,4-Dinitrophenol	9.93	184	113428	58.941	ng		98
55) Dibenzofuran	10.05	168	789526	38.810	ng		99
56) 4-Nitrophenol	9.99	139	173859	55.806	ng		92
57) 2,4-Dinitrotoluene	10.05	165	194524	37.121	ng	#	91
58) Fluorene	10.39	166	652032	41.659	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	168328	39.544	ng		98
60) Diethylphthalate	10.26	149	692953	40.981	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	328728	41.470	ng		99
62) 4-Nitroaniline	10.42	138	152508	30.344	ng		99
63) Azobenzene	10.53	77	714203	41.065	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	98470	40.077	ng		98
66) n-Nitrosodiphenylamine	10.50	169	578580	41.459	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	199617	40.218	ng		99
68) Hexachlorobenzene	10.94	284	223224	38.894	ng		98
69) Atrazine	11.02	200	171167	37.283	ng		99
70) Pentachlorophenol	11.15	266	159131	57.109	ng		98
71) Phenanthrene	11.35	178	955551	40.314	ng		100
72) Anthracene	11.40	178	973039	40.563	ng		100
73) Carbazole	11.56	167	876841	40.290	ng		100
74) Di-n-butylphthalate	11.87	149	1113067	43.843	ng		99
75) Fluoranthene	12.54	202	1007453	40.600	ng		98
77) Benzidine	12.66	184	211382	19.077	ng		97
78) Pyrene	12.77	202	1012152	40.940	ng		99
80) Butylbenzylphthalate	13.37	149	468034	44.754	ng		97
81) Benzo(a)anthracene	13.96	228	835224	39.843	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	258632	35.513	ng		99
83) Chrysene	13.99	228	818351	40.211	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	654551	48.164	ng	#	97
85) Di-n-octyl phthalate	14.53	149	1039681	48.165	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	715454	41.856	ng		99
88) Benzo(b)fluoranthene	15.00	252	752913	51.847	ng		100
89) Benzo(k)fluoranthene	15.03	252	679937m	48.071	ng		
90) Benzo(a)pyrene	15.36	252	678616	52.276	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	614362	54.674	ng		98
92) Benzo(g,h,i)perylene	17.32	276	607003	55.004	ng		100

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

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