Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
Data File : BF117198.D
Acq On : 20 Sep 2019 20:57
Operator : HP/JU
Sample : SP4897
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP4897

Manual Integrations APPROVED
mohammad
9/24/2019 9:12:51 AM

Quant Time: Sep 21 01:09:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	28215	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	126945	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	69024	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	108364	20.00	ng		0.01
76) Chrysene-d12	13.98	240	70183	20.00	ng		0.00
87) Perylene-d12	15.43	264	58322	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0d	0.00	ng		
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng		
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	39303	51.973	ng		97
3) Pyridine	3.42	79	93947	45.388	ng		93
4) n-Nitrosodimethylamine	3.39	42	47205	66.456	ng	#	75
6) Aniline	6.48	93	135970	45.217	ng		91
8) 2-Chlorophenol	6.61	128	128616	65.970	ng		95
9) Benzaldehyde	6.37	77	89715	88.266	ng		95
10) Phenol	6.47	94	158721	61.645	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	118456	62.597	ng		99
12) 1,3-Dichlorobenzene	6.76	146	130941	59.852	ng		96
13) 1,4-Dichlorobenzene	6.83	146	134532	60.257	ng		99
14) 1,2-Dichlorobenzene	6.99	146	126181	60.703	ng		96
15) Benzyl Alcohol	6.97	79	118195	65.993	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	109460	58.547	ng		83
17) 2-Methylphenol	7.08	107	104593	64.012	ng	#	90
18) Hexachloroethane	7.33	117	53645	62.458	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	98340	69.147	ng		92
20) 3+4-Methylphenols	7.23	107	143747	70.628	ng	#	84
22) Acetophenone	7.23	105	195640	60.658	ng		96
24) Nitrobenzene	7.40	77	144602	60.606	ng		96
25) Isophorone	7.65	82	265743	62.121	ng		99
26) 2-Nitrophenol	7.72	139	65793	64.198	ng		97
27) 2,4-Dimethylphenol	7.76	122	113165	69.632	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	155670	59.064	ng		99
29) 2,4-Dichlorophenol	7.96	162	108903	63.951	ng		100
30) 1,2,4-Trichlorobenzene	8.05	180	108178	58.800	ng		100
31) Naphthalene	8.12	128	370767	60.729	ng		99
32) Benzoic acid	7.92	122	59846	48.663	ng		96
33) 4-Chloroaniline	8.17	127	85876	31.713	ng		99
34) Hexachlorobutadiene	8.24	225	63287	60.632	ng		96
35) Caprolactam	8.56	113	27412m	47.558	ng		
36) 4-Chloro-3-methylphenol	8.67	107	125710	63.310	ng		97
37) 2-Methylnaphthalene	8.82	142	262271	63.794	ng		97
38) 1-Methylnaphthalene	8.92	142	241788	62.794	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	105534	59.209	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	114328	138.726	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	70263	58.089	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	74455	57.613	ng		96
46) 1,1'-Biphenyl	9.28	154	316024	58.369	ng		99
47) 2-Chloronaphthalene	9.30	162	246357	57.654	ng		100
48) 2-Nitroaniline	9.40	65	76597	55.887	ng		90
49) Acenaphthylene	9.72	152	380224	59.399	ng		99
50) Dimethylphthalate	9.58	163	289427	59.221	ng		99
51) 2,6-Dinitrotoluene	9.65	165	61746	62.033	ng	#	76
52) Acenaphthene	9.89	154	221490	58.371	ng		99
53) 3-Nitroaniline	9.82	138	38594	30.731	ng		93
54) 2,4-Dinitrophenol	9.93	184	45009	101.889	ng		97
55) Dibenzofuran	10.06	168	342447	61.167	ng		98
56) 4-Nitrophenol	9.99	139	75405	92.642	ng		83
57) 2,4-Dinitrotoluene	10.06	165	80073	61.973	ng	#	86
58) Fluorene	10.41	166	278785	61.817	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	57896	58.543	ng	#	97
60) Diethylphthalate	10.28	149	303315	63.083	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	126526	64.844	ng		95
62) 4-Nitroaniline	10.44	138	64883	49.679	ng	#	84
63) Azobenzene	10.56	77	307343	62.586	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	33132	64.355	ng		89
66) n-Nitrosodiphenylamine	10.52	169	241163	64.440	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	72934	65.905	ng		93
68) Hexachlorobenzene	10.96	284	73145	60.430	ng	#	91
69) Atrazine	11.05	200	66192	111.723	ng		98
70) Pentachlorophenol	11.16	266	67631	119.199	ng		98
71) Phenanthrene	11.37	178	371119	60.295	ng		99
72) Anthracene	11.42	178	391124	62.243	ng		100
73) Carbazole	11.57	167	335113	56.183	ng		98
74) Di-n-butylphthalate	11.90	149	486001	68.484	ng		98
75) Fluoranthene	12.56	202	370010	58.506	ng		98
77) Benzidine	12.67	184	224173	99.158	ng		99
78) Pyrene	12.79	202	360650	61.243	ng		99
80) Butylbenzylphthalate	13.39	149	190059	68.303	ng		97
81) Benzo(a)anthracene	13.97	228	274552	58.552	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	54109	35.810	ng		97
83) Chrysene	14.01	228	264862	57.915	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	276573	77.088	ng		98
85) Di-n-octyl phthalate	14.56	149	427984	75.791	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	195540	58.606	ng		97
88) Benzo(b)fluoranthene	15.02	252	210235	59.510	ng		99
89) Benzo(k)fluoranthene	15.04	252	209319	62.548	ng		98
90) Benzo(a)pyrene	15.37	252	193386	62.381	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	166392	67.376	ng		97
92) Benzo(g,h,i)perylene	17.32	276	149121	60.595	ng		95

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

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