Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
Data File : BF117952.D
Acq On : 23 Nov 2019 13:20
Operator : JU
Sample : K5925-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 25 08:05:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Manual Integrations APPROVED
mohammad
11/25/2019 2:32:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	116998	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	571892	20.00	ng		-0.02
39) Acenaphthene-d10	9.96	164	300875	20.00	ng		-0.02
64) Phenanthrene-d10	11.45	188	502628	20.00	ng		-0.02
76) Chrysene-d12	14.10	240	444698	20.00	ng		-0.01
87) Perylene-d12	15.60	264	400101	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	791813	119.80	ng		-0.01
7) Phenol-d6	6.53	99	1052996	132.08	ng		-0.01
23) Nitrobenzene-d5	7.47	82	659096	68.51	ng		-0.02
42) 2,4,6-Tribromophenol	10.75	330	409719	128.63	ng		-0.02
45) 2-Fluorobiphenyl	9.27	172	1422028	84.79	ng		-0.02
79) Terphenyl-d14	13.04	244	1636226	67.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	123704	40.039	ng		98
3) Pyridine	3.48	79	341017	42.077	ng		98
4) n-Nitrosodimethylamine	3.43	42	160880	45.474	ng		97
6) Aniline	6.56	93	179013	16.992	ng		99
8) 2-Chlorophenol	6.69	128	361484	50.402	ng		96
9) Benzaldehyde	6.45	77	168666	30.447	ng		97
10) Phenol	6.55	94	429119	51.799	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	312720	47.006	ng		96
12) 1,3-Dichlorobenzene	6.85	146	399178	47.275	ng		98
13) 1,4-Dichlorobenzene	6.92	146	406569	47.636	ng		99
14) 1,2-Dichlorobenzene	7.07	146	388547	47.601	ng		99
15) Benzyl Alcohol	7.05	79	321130	52.174	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	415112	40.528	ng		96
17) 2-Methylphenol	7.16	107	302160	49.749	ng		99
18) Hexachloroethane	7.42	117	146571	46.748	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	240371	48.873	ng		98
20) 3+4-Methylphenols	7.30	107	379054	50.276	ng	#	86
22) Acetophenone	7.32	105	499098	38.844	ng	#	97
24) Nitrobenzene	7.49	77	384902	38.782	ng		97
25) Isophorone	7.73	82	679627	38.544	ng		98
26) 2-Nitrophenol	7.80	139	210682	43.614	ng		94
27) 2,4-Dimethylphenol	7.84	122	330701	44.057	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	424456	37.934	ng		99
29) 2,4-Dichlorophenol	8.05	162	355308	43.638	ng		99
30) 1,2,4-Trichlorobenzene	8.13	180	418205	44.281	ng		98
31) Naphthalene	8.22	128	1266307	47.497	ng		99
32) Benzoic acid	7.96	122	260990	41.526	ng		99
33) 4-Chloroaniline	8.26	127	95423	7.995	ng		98
34) Hexachlorobutadiene	8.33	225	235037	42.565	ng		99
35) Caprolactam	8.63	113	130390m	50.389	ng		
36) 4-Chloro-3-methylphenol	8.75	107	398319	48.204	ng		98
37) 2-Methylnaphthalene	8.91	142	884043	49.075	ng		99
38) 1-Methylnaphthalene	9.01	142	846676	49.716	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	397011	45.436	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	507541	103.651	ng		99
43) 2,4,6-Trichlorophenol	9.19	196	288417	46.084	ng		97
44) 2,4,5-Trichlorophenol	9.23	196	307755	47.361	ng		99
46) 1,1'-Biphenyl	9.37	154	1075751	48.192	ng		98
47) 2-Chloronaphthalene	9.40	162	837180	45.590	ng		97
48) 2-Nitroaniline	9.49	65	250420	45.170	ng		95
49) Acenaphthylene	9.82	152	1320990	49.341	ng		98
50) Dimethylphthalate	9.67	163	1244329	58.977	ng		99
51) 2,6-Dinitrotoluene	9.74	165	229498	49.770	ng	#	83
52) Acenaphthene	9.99	154	905587	52.802	ng		99
53) 3-Nitroaniline	9.90	138	87301	15.822	ng		94
54) 2,4-Dinitrophenol	10.02	184	238675	98.864	ng		94
55) Dibenzofuran	10.16	168	1168645	49.207	ng		99
56) 4-Nitrophenol	10.07	139	365658	88.783	ng		97
57) 2,4-Dinitrotoluene	10.15	165	307210	52.374	ng		90
58) Fluorene	10.51	166	866626	47.089	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	254011	47.575	ng		99
60) Diethylphthalate	10.37	149	966409	46.982	ng		99
61) 4-Chlorophenyl-phenylether	10.50	204	436669	46.754	ng		99
62) 4-Nitroaniline	10.52	138	238164	43.110	ng		99
63) Azobenzene	10.66	77	783687	41.878	ng		99
65) 4,6-Dinitro-2-methylphenol	10.55	198	165410	70.494	ng		85
66) n-Nitrosodiphenylamine	10.62	169	814898	55.708	ng		99
67) 4-Bromophenyl-phenylether	10.99	248	282691	52.125	ng		97
68) Hexachlorobenzene	11.06	284	328317	51.918	ng	#	89
69) Atrazine	11.15	200	287152	59.675	ng		98
70) Pentachlorophenol	11.26	266	383152	103.707	ng		99
71) Phenanthrene	11.47	178	1223274	48.407	ng		99
72) Anthracene	11.53	178	1305124	52.090	ng		99
73) Carbazole	11.68	167	1284814	58.682	ng		100
74) Di-n-butylphthalate	12.01	149	1522507	55.850	ng		99
75) Fluoranthene	12.67	202	1241306	55.737	ng		99
77) Benzidine	12.79	184	389840	26.763	ng		98
78) Pyrene	12.90	202	1293931	36.004	ng		100
80) Butylbenzylphthalate	13.52	149	680631	44.095	ng		99
81) Benzo(a)anthracene	14.09	228	1345718	45.794	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	255641	24.870	ng		96
83) Chrysene	14.13	228	1326711	46.592	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	891499	47.639	ng		100
85) Di-n-octyl phthalate	14.69	149	1579241	57.444	ng		98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1050642	43.352	ng		98
88) Benzo(b)fluoranthene	15.16	252	1309855	50.389	ng		99
89) Benzo(k)fluoranthene	15.19	252	1263139	51.572	ng		98
90) Benzo(a)pyrene	15.54	252	994039	43.487	ng		99
91) Dibenzo(a,h)anthracene	17.16	278	876831	44.567	ng		97
92) Benzo(g,h,i)perylene	17.60	276	876644	44.735	ng		99

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

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