Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
Data File : BF118414.D
Acq On : 31 Dec 2019 19:23
Operator : JU
Sample : K6114-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-O1-122719MS

Manual Integrations APPROVED
mohammad
1/2/2020 11:50:08 AM

Quant Time: Jan 01 02:57:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	70391	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	317796	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	198589	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	292130	20.00	ng		0.00
76) Chrysene-d12	14.06	240	194459	20.00	ng		0.00
87) Perylene-d12	15.55	264	193176	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	482156	116.92	ng		0.03
7) Phenol-d6	6.50	99	558515	109.18	ng		0.01
23) Nitrobenzene-d5	7.43	82	448151	80.66	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	310201	126.49	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1181086	90.79	ng		0.00
79) Terphenyl-d14	12.99	244	1037062	88.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	60654	37.000	ng	#	82
3) Pyridine	3.50	79	113202	25.919	ng	#	93
4) n-Nitrosodimethylamine	3.43	42	93775	51.931	ng	#	77
6) Aniline	6.52	93	41118	6.330	ng	#	1
8) 2-Chlorophenol	6.65	128	204357	43.756	ng		99
9) Benzaldehyde	6.41	77	108331	36.120	ng		90
10) Phenol	6.51	94	189958	33.038	ng		85
11) bis(2-Chloroethyl)ether	6.59	93	176966	43.037	ng		97
12) 1,3-Dichlorobenzene	6.80	146	199325	37.057	ng		98
13) 1,4-Dichlorobenzene	6.87	146	204585	37.446	ng		97
14) 1,2-Dichlorobenzene	7.03	146	197207	38.233	ng		98
15) Benzyl Alcohol	7.00	79	187909	48.244	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	182890	41.682	ng	#	41
17) 2-Methylphenol	7.12	107	157467	42.037	ng	#	85
18) Hexachloroethane	7.36	117	74218	37.014	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	150699	47.820	ng		95
20) 3+4-Methylphenols	7.27	107	205265	42.815	ng		93
22) Acetophenone	7.27	105	303782	39.002	ng	#	94
24) Nitrobenzene	7.45	77	228425	41.040	ng		99
25) Isophorone	7.68	82	416203	42.980	ng		97
26) 2-Nitrophenol	7.76	139	123459	41.877	ng		95
27) 2,4-Dimethylphenol	7.80	122	195506	48.604	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	257148	40.604	ng		99
29) 2,4-Dichlorophenol	8.01	162	192164	41.506	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	213967	39.674	ng		95
31) Naphthalene	8.16	128	690325	42.738	ng		99
32) Benzoic acid	7.95	122	93821	30.032	ng		98
33) 4-Chloroaniline	8.22	127	38624	5.578	ng		96
34) Hexachlorobutadiene	8.27	225	124137	38.668	ng		98
35) Caprolactam	8.60	113	51691m	35.762	ng		
36) 4-Chloro-3-methylphenol	8.71	107	226904	45.648	ng		94
37) 2-Methylnaphthalene	8.86	142	538307	48.676	ng		98
38) 1-Methylnaphthalene	8.96	142	493891	47.403	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	227705	38.162	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	60801	30.504	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	164435	41.251	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	172101	41.969	ng		96
46) 1,1'-Biphenyl	9.32	154	661284	42.101	ng		98
47) 2-Chloronaphthalene	9.35	162	456261	36.092	ng		99
48) 2-Nitroaniline	9.45	65	135441	37.931	ng		91
49) Acenaphthylene	9.77	152	768262	40.976	ng		99
50) Dimethylphthalate	9.62	163	578994	38.841	ng		99
51) 2,6-Dinitrotoluene	9.69	165	127932	39.807	ng	#	86
52) Acenaphthene	9.94	154	477796	41.838	ng		100
53) 3-Nitroaniline	9.87	138	32333	8.572	ng		96
54) 2,4-Dinitrophenol	9.99	184	74344	48.091	ng		96
55) Dibenzofuran	10.12	168	731519	43.351	ng		98
56) 4-Nitrophenol	10.05	139	151130	64.901	ng		92
57) 2,4-Dinitrotoluene	10.10	165	182058	42.395	ng	#	79
58) Fluorene	10.46	166	590927	43.380	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	144284	41.411	ng		95
60) Diethylphthalate	10.33	149	667612	45.270	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	294879	43.364	ng		99
62) 4-Nitroaniline	10.49	138	122356	31.224	ng		95
63) Azobenzene	10.60	77	573790	45.424	ng		93
65) 4,6-Dinitro-2-methylphenol	10.52	198	64668	41.035	ng		95
66) n-Nitrosodiphenylamine	10.57	169	510483	54.523	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	170606	49.903	ng		98
68) Hexachlorobenzene	11.01	284	187567	46.610	ng		96
69) Atrazine	11.10	200	167225	57.871	ng		98
70) Pentachlorophenol	11.22	266	158887	91.168	ng		98
71) Phenanthrene	11.43	178	719654	45.189	ng		99
72) Anthracene	11.48	178	744275	46.691	ng		98
73) Carbazole	11.63	167	647466	45.775	ng		99
74) Di-n-butylphthalate	11.96	149	1031547	57.517	ng		99
75) Fluoranthene	12.62	202	673401	41.898	ng		99
77) Benzidine	12.75	184	85631	16.071	ng		96
78) Pyrene	12.85	202	727887	45.838	ng		100
80) Butylbenzylphthalate	13.46	149	326186	45.621	ng		93
81) Benzo(a)anthracene	14.04	228	593164	43.578	ng		97
82) 3,3'-Dichlorobenzidine	14.00	252	127657	27.661	ng		98
83) Chrysene	14.09	228	576013	44.195	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	508032	54.036	ng		98
85) Di-n-octyl phthalate	14.63	149	737948	53.360	ng		98
86) Indeno(1,2,3-cd)pyrene	17.08	276	578660	52.107	ng		98
88) Benzo(b)fluoranthene	15.11	252	637447	49.711	ng		98
89) Benzo(k)fluoranthene	15.14	252	584116	47.441	ng		99
90) Benzo(a)pyrene	15.49	252	480029	42.495	ng	#	97
91) Dibenzo(a,h)anthracene	17.08	278	506256	51.645	ng		97
92) Benzo(g,h,i)perylene	17.53	276	459538	48.530	ng		98

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

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