Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118131.D
Acq On : 7 Dec 2019 16:12
Operator : JU
Sample : K6141-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CMJ-01-COMPMS

Manual Integrations APPROVED
mohammad
12/10/2019 11:47:33 AM

Quant Time: Dec 09 06:57:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118959	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	489401	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	267881	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	527830	20.00	ng	0.00
76) Chrysene-d12	14.06	240	348273	20.00	ng	0.00
87) Perylene-d12	15.54	264	316806	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	652131	96.01	ng	0.00
7) Phenol-d6	6.50	99	831831	101.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	492966	56.67	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	293980	90.34	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	964897	54.81	ng	0.00
79) Terphenyl-d14	13.00	244	1291581	63.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	107173	37.423	ng	98
3) Pyridine	3.42	79	268727	36.370	ng	99
4) n-Nitrosodimethylamine	3.37	42	137049	43.117	ng	94
6) Aniline	6.53	93	224547	21.368	ng	99
8) 2-Chlorophenol	6.65	128	351807	45.937	ng	97
9) Benzaldehyde	6.42	77	118000	24.019	ng	98
10) Phenol	6.51	94	428547	45.742	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	297223	43.865	ng	99
12) 1,3-Dichlorobenzene	6.81	146	370449	41.407	ng	96
13) 1,4-Dichlorobenzene	6.89	146	384979	42.734	ng	98
14) 1,2-Dichlorobenzene	7.04	146	358970	42.431	ng	99
15) Benzyl Alcohol	7.01	79	292045	45.542	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	341891	41.965	ng	99
17) 2-Methylphenol	7.12	107	281082	46.145	ng	96
18) Hexachloroethane	7.38	117	139993	42.173	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	219813	44.034	ng	100
20) 3+4-Methylphenols	7.27	107	353581	46.213	ng	95
22) Acetophenone	7.27	105	474785	40.381	ng	99
24) Nitrobenzene	7.45	77	345507	40.425	ng	100
25) Isophorone	7.69	82	613793	41.621	ng	100
26) 2-Nitrophenol	7.77	139	194122	42.494	ng	96
27) 2,4-Dimethylphenol	7.80	122	297677	48.851	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	386798	40.140	ng	99
29) 2,4-Dichlorophenol	8.01	162	301705	42.472	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	323281	38.941	ng	99
31) Naphthalene	8.17	128	1015842	41.330	ng	99
32) Benzoic acid	7.93	122	202478	36.802	ng	94
33) 4-Chloroaniline	8.22	127	76042	7.165	ng	97
34) Hexachlorobutadiene	8.29	225	188293	37.824	ng	99
35) Caprolactam	8.60	113	95401m	43.549	ng	
36) 4-Chloro-3-methylphenol	8.71	107	326779	43.713	ng	99
37) 2-Methylnaphthalene	8.87	142	705303	42.386	ng	98
38) 1-Methylnaphthalene	8.97	142	659473	42.209	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	317008	39.064	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	330715	90.957	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	222490	41.063	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	240573	42.856	ng		96
46) 1,1'-Biphenyl	9.33	154	863458	40.869	ng		99
47) 2-Chloronaphthalene	9.36	162	668265	39.321	ng		100
48) 2-Nitroaniline	9.46	65	192824	39.786	ng		97
49) Acenaphthylene	9.78	152	1076527	42.947	ng		100
50) Dimethylphthalate	9.64	163	896840	45.325	ng		99
51) 2,6-Dinitrotoluene	9.70	165	182563	42.432	ng		97
52) Acenaphthene	9.95	154	617921	40.387	ng		99
53) 3-Nitroaniline	9.87	138	100084	19.766	ng		98
54) 2,4-Dinitrophenol	9.98	184	117826	55.044	ng	#	90
55) Dibenzofuran	10.12	168	949117	42.336	ng		100
56) 4-Nitrophenol	10.04	139	295983	84.231	ng		96
57) 2,4-Dinitrotoluene	10.11	165	251390	43.775	ng		91
58) Fluorene	10.47	166	752404	42.232	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	202441	43.712	ng		99
60) Diethylphthalate	10.34	149	810024	41.550	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	366486	40.884	ng		95
62) 4-Nitroaniline	10.49	138	203609	38.556	ng		98
63) Azobenzene	10.62	77	705911	42.417	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	101943	34.972	ng		93
66) n-Nitrosodiphenylamine	10.58	169	675342	40.972	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	236493	39.250	ng		95
68) Hexachlorobenzene	11.02	284	272382	38.408	ng	#	92
69) Atrazine	11.10	200	210837	49.840	ng		98
70) Pentachlorophenol	11.22	266	276397	82.875	ng		99
71) Phenanthrene	11.43	178	1154987	41.163	ng		99
72) Anthracene	11.49	178	1194377	42.670	ng		99
73) Carbazole	11.64	167	1056309	42.061	ng		100
74) Di-n-butylphthalate	11.97	149	1309959	41.678	ng		99
75) Fluoranthene	12.63	202	1206777	42.066	ng		98
77) Benzidine	12.74	184	331744	36.184	ng		97
78) Pyrene	12.86	202	1229088	44.783	ng		99
80) Butylbenzylphthalate	13.47	149	559433	45.008	ng		96
81) Benzo(a)anthracene	14.05	228	976783	40.561	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	134050	16.949	ng		100
83) Chrysene	14.09	228	945566	41.105	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	790359	48.223	ng	#	99
85) Di-n-octyl phthalate	14.64	149	1187015	47.810	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	899926	46.495	ng		100
88) Benzo(b)fluoranthene	15.11	252	871659	41.602	ng		99
89) Benzo(k)fluoranthene	15.14	252	774632	38.485	ng		99
90) Benzo(a)pyrene	15.49	252	772839	41.764	ng		100
91) Dibenzo(a,h)anthracene	17.07	278	753850	47.496	ng		100
92) Benzo(g,h,i)perylene	17.52	276	748738	49.091	ng		98

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

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