Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118126.D
Acq On : 7 Dec 2019 13:54
Operator : JU
Sample : K6162-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WCMSD

Manual Integrations APPROVED
mohammad
12/10/2019 11:47:29 AM

Quant Time: Dec 09 06:43:16 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	122866	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	489549	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	261429	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	506594	20.00	ng	0.00
76) Chrysene-d12	14.06	240	341061	20.00	ng	0.00
87) Perylene-d12	15.55	264	301551	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	976437	139.19	ng	0.02
7) Phenol-d6	6.50	99	1220290	143.82	ng	0.00
23) Nitrobenzene-d5	7.43	82	753142	86.55	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	448428	141.20	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1504944	87.60	ng	0.00
79) Terphenyl-d14	13.00	244	1939078	97.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.83	88	115610	39.085	ng	# 85
3) Pyridine	3.55	79	270093	35.392	ng	98
4) n-Nitrosodimethylamine	3.46	42	154362	47.019	ng	98
6) Aniline	6.53	93	123321	11.362	ng	95
8) 2-Chlorophenol	6.66	128	377998	47.787	ng	98
9) Benzaldehyde	6.42	77	93287	16.685	ng	97
10) Phenol	6.52	94	427365	44.166	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	322516	46.084	ng	95
12) 1,3-Dichlorobenzene	6.81	146	365430	39.547	ng	96
13) 1,4-Dichlorobenzene	6.89	146	381505	41.002	ng	97
14) 1,2-Dichlorobenzene	7.04	146	355884	40.728	ng	98
15) Benzyl Alcohol	7.01	79	324656	49.017	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	369816	43.949	ng	98
17) 2-Methylphenol	7.12	107	304405	48.385	ng	99
18) Hexachloroethane	7.38	117	133827	39.033	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	242202	46.976	ng	99
20) 3+4-Methylphenols	7.27	107	387746	49.067	ng	96
22) Acetophenone	7.27	105	516699	43.932	ng	99
24) Nitrobenzene	7.45	77	377027	44.099	ng	99
25) Isophorone	7.69	82	671072	45.492	ng	100
26) 2-Nitrophenol	7.77	139	212657	46.537	ng	97
27) 2,4-Dimethylphenol	7.80	122	328182	53.841	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	419523	43.523	ng	97
29) 2,4-Dichlorophenol	8.01	162	327678	46.114	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	342892	41.291	ng	99
31) Naphthalene	8.17	128	1083276	44.060	ng	99
32) Benzoic acid	7.91	122	107837	19.594	ng	100
33) 4-Chloroaniline	8.22	127	38971	3.671	ng	98
34) Hexachlorobutadiene	8.29	225	192360	38.629	ng	98
35) Caprolactam	8.60	113	97796m	44.628	ng	
36) 4-Chloro-3-methylphenol	8.72	107	350444	46.864	ng	97
37) 2-Methylnaphthalene	8.87	142	761254	45.735	ng	99
38) 1-Methylnaphthalene	8.97	142	701604	44.892	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	338413	42.731	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	325079	91.614	ng		97
43) 2,4,6-Trichlorophenol	9.15	196	240228	45.431	ng		97
44) 2,4,5-Trichlorophenol	9.20	196	253001	46.182	ng		92
46) 1,1'-Biphenyl	9.33	154	930393	45.124	ng		100
47) 2-Chloronaphthalene	9.36	162	716864	43.222	ng		97
48) 2-Nitroaniline	9.46	65	206151	43.585	ng		98
49) Acenaphthylene	9.78	152	1135047	46.399	ng		99
50) Dimethylphthalate	9.64	163	861402	44.609	ng		99
51) 2,6-Dinitrotoluene	9.70	165	194941	46.427	ng		95
52) Acenaphthene	9.95	154	665695	44.584	ng		99
53) 3-Nitroaniline	9.87	138	55251	11.181	ng		97
54) 2,4-Dinitrophenol	9.98	184	69075	33.066	ng		90
55) Dibenzofuran	10.12	168	1014739	46.381	ng		100
56) 4-Nitrophenol	10.04	139	313931	91.543	ng		99
57) 2,4-Dinitrotoluene	10.11	165	269725	48.127	ng		94
58) Fluorene	10.47	166	799877	46.005	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	221057	48.909	ng		99
60) Diethylphthalate	10.34	149	868416	45.645	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	394512	45.096	ng		97
62) 4-Nitroaniline	10.49	138	199585	38.726	ng		98
63) Azobenzene	10.62	77	745456	45.898	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	78060	27.902	ng		96
66) n-Nitrosodiphenylamine	10.58	169	718669	45.428	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	251235	43.445	ng		97
68) Hexachlorobenzene	11.02	284	292116	42.917	ng	#	91
69) Atrazine	11.10	200	217706	56.853	ng		97
70) Pentachlorophenol	11.22	266	294279	91.935	ng		100
71) Phenanthrene	11.43	178	1226510	45.544	ng		99
72) Anthracene	11.49	178	1262849	47.008	ng		99
73) Carbazole	11.64	167	1109409	46.027	ng		100
74) Di-n-butylphthalate	11.97	149	1362266	45.159	ng		99
75) Fluoranthene	12.63	202	1266463	45.998	ng		98
77) Benzidine	12.75	184	586376	65.309	ng		98
78) Pyrene	12.86	202	1278660	47.574	ng		99
80) Butylbenzylphthalate	13.47	149	567789	46.646	ng		96
81) Benzo(a)anthracene	14.05	228	1044775	44.302	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	135109	17.444	ng		98
83) Chrysene	14.09	228	995546	44.193	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	785020	48.910	ng	#	99
85) Di-n-octyl phthalate	14.65	149	1202150	49.444	ng		100
86) Indeno(1,2,3-cd)pyrene	17.06	276	928491	48.985	ng		99
88) Benzo(b)fluoranthene	15.12	252	911753	45.717	ng		97
89) Benzo(k)fluoranthene	15.14	252	853239	44.534	ng		99
90) Benzo(a)pyrene	15.49	252	813408	46.180	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	771000	51.034	ng		99
92) Benzo(g,h,i)perylene	17.52	276	769373	52.996	ng		99

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

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