Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118739.D
Acq On : 29 Jan 2020 18:50
Operator : CG/JU
Sample : L1013-12MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MSD

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:20 AM

Quant Time: Jan 30 01:08:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	281297	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1050716	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	565544	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	978786	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	626329	20.00	ng	-0.02
87) Perylene-d12	15.46	264	714798	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1886005	124.52	ng	0.00
7) Phenol-d6	6.49	99	2131111	108.26	ng	0.00
23) Nitrobenzene-d5	7.41	82	1635398	87.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	862439	131.85	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3088908	89.77	ng	-0.01
79) Terphenyl-d14	12.95	244	3304937	115.09	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	295392	40.267	ng	# 86
3) Pyridine	3.51	79	638610	30.886	ng	99
4) n-Nitrosodimethylamine	3.43	42	336049	37.910	ng	95
6) Aniline	6.51	93	325129	12.543	ng	98
8) 2-Chlorophenol	6.64	128	876172	51.539	ng	97
9) Benzaldehyde	6.40	77	394687	32.967	ng	98
10) Phenol	6.50	94	882740	39.348	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	819146	49.214	ng	97
12) 1,3-Dichlorobenzene	6.79	146	962436	48.369	ng	99
13) 1,4-Dichlorobenzene	6.87	146	963244	48.225	ng	99
14) 1,2-Dichlorobenzene	7.02	146	890073	47.403	ng	99
15) Benzyl Alcohol	6.99	79	738499	47.306	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	945369	40.776	ng	98
17) 2-Methylphenol	7.10	107	685529	48.411	ng	99
18) Hexachloroethane	7.36	117	339767	46.911	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	567855	42.721	ng	100
20) 3+4-Methylphenols	7.26	107	779169	45.067	ng	# 83
22) Acetophenone	7.26	105	1097638	44.099	ng	97
24) Nitrobenzene	7.43	77	873297	45.403	ng	99
25) Isophorone	7.67	82	1593555	46.510	ng	100
26) 2-Nitrophenol	7.75	139	475849	58.013	ng	100
27) 2,4-Dimethylphenol	7.79	122	729660	51.515	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	988519	44.776	ng	99
29) 2,4-Dichlorophenol	7.99	162	747367	47.732	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	851445	46.899	ng	100
31) Naphthalene	8.15	128	2396957	50.500	ng	99
32) Benzoic acid	7.90	122	460134	43.286	ng	98
33) 4-Chloroaniline	8.19	127	157663	7.187	ng	97
34) Hexachlorobutadiene	8.27	225	508901	46.030	ng	99
35) Caprolactam	8.56	113	179590m	35.049	ng	
36) 4-Chloro-3-methylphenol	8.68	107	743176	48.065	ng	98
37) 2-Methylnaphthalene	8.85	142	1672819	49.930	ng	99
38) 1-Methylnaphthalene	8.95	142	1579483	49.623	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	816065	46.117	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	805422	90.213	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	578822	49.293	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	589325	49.141	ng		99
46) 1,1'-Biphenyl	9.31	154	1980629	50.815	ng		99
47) 2-Chloronaphthalene	9.33	162	1604585	48.842	ng		99
48) 2-Nitroaniline	9.42	65	427838	42.365	ng		99
49) Acenaphthylene	9.75	152	2425489	52.480	ng		99
50) Dimethylphthalate	9.61	163	1935667	52.534	ng		99
51) 2,6-Dinitrotoluene	9.67	165	438932	53.199	ng		88
52) Acenaphthene	9.92	154	1635733	52.929	ng		100
53) 3-Nitroaniline	9.83	138	111733	11.860	ng		99
54) 2,4-Dinitrophenol	9.94	184	367793	111.657	ng	#	90
55) Dibenzofuran	10.09	168	2186865	51.062	ng		100
56) 4-Nitrophenol	10.00	139	601272	84.541	ng		98
57) 2,4-Dinitrotoluene	10.07	165	573035	55.092	ng		92
58) Fluorene	10.43	166	1626579	48.379	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	499946	47.397	ng		100
60) Diethylphthalate	10.31	149	1748708	48.949	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	868759	47.509	ng		98
62) 4-Nitroaniline	10.45	138	365642	37.835	ng		94
63) Azobenzene	10.59	77	1572353	45.446	ng		100
65) 4,6-Dinitro-2-methylphenol	10.48	198	277279	64.424	ng		95
66) n-Nitrosodiphenylamine	10.55	169	1501879	50.880	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	584463	48.333	ng		99
68) Hexachlorobenzene	10.99	284	657131	47.932	ng		99
69) Atrazine	11.07	200	527283	51.538	ng		100
70) Pentachlorophenol	11.17	266	693604	90.995	ng		98
71) Phenanthrene	11.40	178	2376697	50.332	ng		100
72) Anthracene	11.45	178	2454396	52.529	ng		100
73) Carbazole	11.60	167	2080178	48.537	ng		100
74) Di-n-butylphthalate	11.93	149	2482786	52.142	ng		99
75) Fluoranthene	12.58	202	2409616	48.382	ng		100
77) Benzidine	12.69	184	672239	40.170	ng		99
78) Pyrene	12.81	202	2403838	56.531	ng		100
80) Butylbenzylphthalate	13.43	149	990519	56.918	ng		99
81) Benzo(a)anthracene	14.00	228	1950797	51.777	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	288343	21.477	ng		99
83) Chrysene	14.03	228	1896668	52.525	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1307369	61.490	ng		99
85) Di-n-octyl phthalate	14.60	149	2199642	69.895	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2641764	84.198	ng		100
88) Benzo(b)fluoranthene	15.04	252	2242511	49.911	ng		99
89) Benzo(k)fluoranthene	15.07	252	1828176	43.919	ng		99
90) Benzo(a)pyrene	15.40	252	1922285	49.597	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	2176744	63.492	ng		99
92) Benzo(g,h,i)perylene	17.37	276	2277042	68.405	ng		99

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

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