Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115385.D
Acq On : 5 Jul 2019 9:17
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
7/8/2019 2:12:40 PM

Quant Time: Jul 05 12:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 11:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	167744	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	691637	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	350334	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	670272	20.00	ng		0.00
76) Chrysene-d12	14.06	240	510631	20.00	ng		-0.01
87) Perylene-d12	15.55	264	525306	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	452513	41.63	ng		0.00
7) Phenol-d6	6.51	99	571738	43.33	ng		-0.01
23) Nitrobenzene-d5	7.45	82	465660	41.42	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	159489	43.17	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	981124	47.57	ng		0.00
79) Terphenyl-d14	13.00	244	1111297	46.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	104713	20.411	ng		99
3) Pyridine	3.46	79	290162	20.067	ng		99
4) n-Nitrosodimethylamine	3.39	42	116927	20.628	ng		99
6) Aniline	6.55	93	394432	21.752	ng		99
8) 2-Chlorophenol	6.67	128	252328	20.644	ng		99
9) Benzaldehyde	6.44	77	192554	22.370	ng		99
10) Phenol	6.52	94	340353m	22.023	ng		
11) bis(2-Chloroethyl)ether	6.62	93	249233	21.877	ng		96
12) 1,3-Dichlorobenzene	6.84	146	279364	20.594	ng		97
13) 1,4-Dichlorobenzene	6.91	146	281631	20.704	ng		99
14) 1,2-Dichlorobenzene	7.07	146	267578	21.241	ng		98
15) Benzyl Alcohol	7.03	79	224500	23.368	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	352636	21.342	ng		97
17) 2-Methylphenol	7.13	107	208337	20.650	ng		99
18) Hexachloroethane	7.42	117	101864	20.772	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	188609	22.329	ng		99
20) 3+4-Methylphenols	7.29	107	269880	23.166	ng	#	85
22) Acetophenone	7.30	105	357839	22.600	ng	#	97
24) Nitrobenzene	7.47	77	267897	21.628	ng		99
25) Isophorone	7.71	82	509846	22.136	ng		97
26) 2-Nitrophenol	7.79	139	94052	15.375	ng		92
27) 2,4-Dimethylphenol	7.82	122	211546	21.122	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	324034	22.259	ng		98
29) 2,4-Dichlorophenol	8.03	162	212451	20.555	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	240207	21.040	ng		99
31) Naphthalene	8.20	128	750246	22.098	ng		98
32) Benzoic acid	7.91	122	117028	16.370	ng		96
33) 4-Chloroaniline	8.24	127	316765	20.415	ng		98
34) Hexachlorobutadiene	8.32	225	138472	22.133	ng		100
35) Caprolactam	8.59	113	63785	18.356	ng		94
36) 4-Chloro-3-methylphenol	8.71	107	223901	21.391	ng		96
37) 2-Methylnaphthalene	8.89	142	498401	21.772	ng		99
38) 1-Methylnaphthalene	8.99	142	474564	21.706	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	219017	22.123	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	119282	20.320	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	149974	19.622	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	154827	19.671	ng		98
46) 1,1'-Biphenyl	9.35	154	610059	21.763	ng		98
47) 2-Chloronaphthalene	9.37	162	483105	21.247	ng		99
48) 2-Nitroaniline	9.46	65	126667	19.108	ng		99
49) Acenaphthylene	9.79	152	744274	21.009	ng		99
50) Dimethylphthalate	9.65	163	561031	21.767	ng		98
51) 2,6-Dinitrotoluene	9.70	165	111302	18.704	ng		98
52) Acenaphthene	9.96	154	460888	20.791	ng		98
53) 3-Nitroaniline	9.87	138	131135	18.058	ng		92
54) 2,4-Dinitrophenol	9.97	184	27999	10.666	ng	#	1
55) Dibenzofuran	10.13	168	667890	20.991	ng		98
56) 4-Nitrophenol	10.02	139	97826	16.804	ng		96
57) 2,4-Dinitrotoluene	10.10	165	136775	17.801	ng		89
58) Fluorene	10.48	166	502953	21.239	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	136374	20.663	ng		99
60) Diethylphthalate	10.35	149	547815	21.144	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	253390	22.438	ng		96
62) 4-Nitroaniline	10.48	138	124330	17.067	ng		99
63) Azobenzene	10.63	77	571319	23.608	ng		96
65) 4,6-Dinitro-2-methylphenol	10.51	198	43555	13.048	ng		89
66) n-Nitrosodiphenylamine	10.59	169	449547	21.528	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	157968	21.737	ng		95
68) Hexachlorobenzene	11.03	284	179736	22.786	ng		97
69) Atrazine	11.11	200	144760	21.550	ng		99
70) Pentachlorophenol	11.22	266	102257	20.349	ng		98
71) Phenanthrene	11.44	178	769543	21.324	ng		98
72) Anthracene	11.49	178	777267	21.337	ng		99
73) Carbazole	11.64	167	697157	21.431	ng		99
74) Di-n-butylphthalate	11.97	149	872928	23.223	ng		99
75) Fluoranthene	12.62	202	808944	22.466	ng		99
77) Benzidine	12.74	184	399470	17.618	ng		98
78) Pyrene	12.85	202	834947	21.277	ng		99
80) Butylbenzylphthalate	13.47	149	345688	19.961	ng		94
81) Benzo(a)anthracene	14.04	228	710102	19.381	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	257740	19.480	ng		98
83) Chrysene	14.09	228	705892	21.032	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	470727	20.744	ng		99
85) Di-n-octyl phthalate	14.67	149	788103	20.671	ng		100
86) Indeno(1,2,3-cd)pyrene	17.03	276	611920	15.408	ng	#	100
88) Benzo(b)fluoranthene	15.12	252	671962	20.501	ng		99
89) Benzo(k)fluoranthene	15.14	252	616112	20.960	ng		98
90) Benzo(a)pyrene	15.49	252	593177	20.079	ng		98
91) Dibenzo(a,h)anthracene	17.04	278	509591	18.477	ng		98
92) Benzo(g,h,i)perylene	17.47	276	471881	16.905	ng		97

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

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