Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115389.D
Acq On : 5 Jul 2019 11:10
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
7/8/2019 2:12:49 PM

Quant Time: Jul 05 13:22:56 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	6.90	152	159411	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	664398	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	324483	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	623681	20.00	ng	0.00
76) Chrysene-d12	14.06	240	426463	20.00	ng	-0.01
87) Perylene-d12	15.53	264	394655	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1541158	149.19	ng	0.00
7) Phenol-d6	6.53	99	1966708	156.86	ng	0.01
23) Nitrobenzene-d5	7.47	82	1789277	165.67	ng	0.01
42) 2,4,6-Tribromophenol	10.73	330	543773	158.91	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2672996	139.93	ng	0.00
79) Terphenyl-d14	13.01	244	2878863	143.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	401523	82.359	ng	99
3) Pyridine	3.47	79	1098019	79.908	ng	99
4) n-Nitrosodimethylamine	3.43	42	448922	83.337	ng	97
6) Aniline	6.57	93	1420739	82.447	ng	98
8) 2-Chlorophenol	6.69	128	868846	74.799	ng	95
10) Phenol	6.55	94	1188160	80.899	ng	87
11) bis(2-Chloroethyl)ether	6.64	93	895496	82.715	ng	98
12) 1,3-Dichlorobenzene	6.85	146	955448	74.116	ng	99
13) 1,4-Dichlorobenzene	6.92	146	957877	74.099	ng	98
14) 1,2-Dichlorobenzene	7.07	146	854538	71.383	ng	99
15) Benzyl Alcohol	7.05	79	784456	85.921	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1230256	78.349	ng	100
17) 2-Methylphenol	7.15	107	773806	80.707	ng	100
18) Hexachloroethane	7.42	117	370444	79.488	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	672952	83.835	ng	100
20) 3+4-Methylphenols	7.31	107	832124	75.163	ng	91
22) Acetophenone	7.32	105	1143473	75.178	ng	100
24) Nitrobenzene	7.49	77	975979	82.024	ng	95
25) Isophorone	7.73	82	1895652	85.678	ng	99
26) 2-Nitrophenol	7.80	139	459496	78.197	ng	97
27) 2,4-Dimethylphenol	7.83	122	770894	80.127	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	1136673	81.283	ng	99
29) 2,4-Dichlorophenol	8.04	162	763355	76.884	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	832154	75.878	ng	99
31) Naphthalene	8.21	128	2377433	72.897	ng	99
32) Benzoic acid	7.99	122	622823	90.691	ng	99
33) 4-Chloroaniline	8.25	127	1115716	74.854	ng	99
34) Hexachlorobutadiene	8.33	225	469597	78.136	ng	99
35) Caprolactam	8.65	113	246906m	73.966	ng	
36) 4-Chloro-3-methylphenol	8.73	107	792625	78.829	ng	100
37) 2-Methylnaphthalene	8.90	142	1575823	71.661	ng	98
38) 1-Methylnaphthalene	9.00	142	1513053	72.044	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	691440	75.408	ng	100
41) Hexachlorocyclopentadiene	9.06	237	428505	78.812	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.17	196	541563	76.502	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	544597	74.704	ng		98
46) 1,1'-Biphenyl	9.36	154	1817486	70.002	ng		98
47) 2-Chloronaphthalene	9.39	162	1587228	75.366	ng		99
48) 2-Nitroaniline	9.47	65	519940	84.682	ng		98
49) Acenaphthylene	9.80	152	2331862	71.066	ng		99
50) Dimethylphthalate	9.67	163	1805448	75.627	ng		99
51) 2,6-Dinitrotoluene	9.72	165	427907	77.639	ng		93
52) Acenaphthene	9.97	154	1494875	72.806	ng		99
53) 3-Nitroaniline	9.89	138	489945	72.845	ng		98
54) 2,4-Dinitrophenol	9.99	184	185724	76.390	ng		83
55) Dibenzofuran	10.15	168	2050330	69.575	ng		99
56) 4-Nitrophenol	10.04	139	392019	72.702	ng		100
57) 2,4-Dinitrotoluene	10.13	165	559959	78.684	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.26	232	463753	75.865	ng		99
60) Diethylphthalate	10.36	149	1762593	73.450	ng		98
61) 4-Chlorophenyl-phenylether	10.48	204	736654	70.428	ng		99
62) 4-Nitroaniline	10.52	138	484931	71.870	ng		98
63) Azobenzene	10.64	77	1815482	80.997	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	260803	83.968	ng		98
66) n-Nitrosodiphenylamine	10.60	169	1463336	75.311	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	520759	77.013	ng		98
68) Hexachlorobenzene	11.04	284	577074	78.624	ng		97
69) Atrazine	11.12	200	419622	67.134	ng		99
70) Pentachlorophenol	11.22	266	372584	79.681	ng		99
71) Phenanthrene	11.45	178	2319180	69.065	ng		100
72) Anthracene	11.50	178	2354619	69.465	ng		99
73) Carbazole	11.65	167	2157938	71.293	ng		99
74) Di-n-butylphthalate	11.98	149	2561351	73.230	ng		99
75) Fluoranthene	12.63	202	2455721	73.296	ng		99
78) Pyrene	12.86	202	2482823	75.756	ng		98
80) Butylbenzylphthalate	13.47	149	1141499	78.923	ng		98
81) Benzo(a)anthracene	14.05	228	1975918	64.572	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	709695	64.224	ng		98
83) Chrysene	14.09	228	2099788	74.911	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1300207	68.606	ng		99
85) Di-n-octyl phthalate	14.66	149	2431787	76.370	ng		100
86) Indeno(1,2,3-cd)pyrene	17.02	276	1700191	51.260	ng	#	100
88) Benzo(b)fluoranthene	15.10	252	1971550	80.062	ng		99
89) Benzo(k)fluoranthene	15.14	252	1876520	84.973	ng		99
90) Benzo(a)pyrene	15.47	252	1742375	78.502	ng		100
91) Dibenzo(a,h)anthracene	17.03	278	1396916	67.417	ng		99
92) Benzo(g,h,i)perylene	17.46	276	1340848	63.936	ng		100

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

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