Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115081.D
Acq On : 21 Jun 2019 15:59
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/25/2019 12:41:06 PM

Quant Time: Jun 21 17:50:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 16:30:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	195702	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	818331	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	404516	20.00	ng		0.00
64) Phenanthrene-d10	11.12	188	786477	20.00	ng		0.00
76) Chrysene-d12	13.75	240	539075	20.00	ng		0.00
87) Perylene-d12	15.12	264	691909	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1898097	161.95	ng		0.00
7) Phenol-d6	6.27	99	2255615	159.54	ng		0.01
23) Nitrobenzene-d5	7.20	82	2015995	148.29	ng		0.01
42) 2,4,6-Tribromophenol	10.44	330	629875	145.41	ng		0.00
45) 2-Fluorobiphenyl	8.99	172	3152222	132.07	ng		0.00
79) Terphenyl-d14	12.72	244	3483653	121.55	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	465680	84.884	ng		99
3) Pyridine	2.86	79	1327762	85.964	ng		99
4) n-Nitrosodimethylamine	2.83	42	522286	95.245	ng		99
6) Aniline	6.29	93	1565415	82.679	ng		98
8) 2-Chlorophenol	6.41	128	1072290	80.686	ng		98
9) Benzaldehyde	6.17	77	699695	86.086	ng		98
10) Phenol	6.28	94	1334771	84.384	ng		91
11) bis(2-Chloroethyl)ether	6.37	93	992029	80.803	ng		97
12) 1,3-Dichlorobenzene	6.57	146	1162927	74.918	ng		99
13) 1,4-Dichlorobenzene	6.64	146	1168819	74.897	ng		98
14) 1,2-Dichlorobenzene	6.80	146	1052875	71.662	ng		97
15) Benzyl Alcohol	6.77	79	803807	75.884	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1450848	88.295	ng		99
17) 2-Methylphenol	6.88	107	902598	81.426	ng		99
18) Hexachloroethane	7.14	117	435671	77.305	ng		97
19) n-Nitroso-di-n-propylamine	7.06	70	748789	87.172	ng		97
20) 3+4-Methylphenols	7.05	107	963259	73.015	ng	#	84
22) Acetophenone	7.04	105	1361183	73.481	ng	#	99
24) Nitrobenzene	7.21	77	1107412	80.058	ng		97
25) Isophorone	7.46	82	2086666	81.949	ng		99
26) 2-Nitrophenol	7.52	139	594652	77.127	ng		100
27) 2,4-Dimethylphenol	7.57	122	888199	79.856	ng		99
28) bis(2-Chloroethoxy)methane	7.67	93	1289256	78.918	ng		98
29) 2,4-Dichlorophenol	7.77	162	931065	79.240	ng		98
30) 1,2,4-Trichlorobenzene	7.85	180	1008420	74.275	ng		99
31) Naphthalene	7.93	128	2796829	72.235	ng		98
32) Benzoic acid	7.73	122	778961	96.794	ng		100
33) 4-Chloroaniline	7.98	127	1376518	77.018	ng		98
34) Hexachlorobutadiene	8.05	225	541157	71.710	ng		98
35) Caprolactam	8.38	113	324582m	82.940	ng		
36) 4-Chloro-3-methylphenol	8.47	107	945239	79.828	ng		99
37) 2-Methylnaphthalene	8.62	142	1907963	73.882	ng		97
38) 1-Methylnaphthalene	8.72	142	1832247	75.069	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	811866	67.933	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	498486	84.648	ng		100
43) 2,4,6-Trichlorophenol	8.90	196	674475	75.561	ng		99
44) 2,4,5-Trichlorophenol	8.93	196	706086	78.273	ng		99
46) 1,1'-Biphenyl	9.08	154	2163416	66.740	ng		98
47) 2-Chloronaphthalene	9.11	162	1879278	71.693	ng		97
48) 2-Nitroaniline	9.20	65	613292	79.157	ng		98
49) Acenaphthylene	9.52	152	2853507	70.802	ng		98
50) Dimethylphthalate	9.40	163	2160150	71.008	ng		99
51) 2,6-Dinitrotoluene	9.45	165	541255	78.435	ng		94
52) Acenaphthene	9.69	154	1836556	79.648	ng		99
53) 3-Nitroaniline	9.61	138	646518	76.468	ng		98
54) 2,4-Dinitrophenol	9.71	184	285027	85.155	ng		94
55) Dibenzofuran	9.86	168	2483771	71.472	ng		96
56) 4-Nitrophenol	9.77	139	529498	90.817	ng		95
57) 2,4-Dinitrotoluene	9.85	165	702896	80.028	ng		96
59) 2,3,4,6-Tetrachlorophenol	9.98	232	570787	78.334	ng		100
60) Diethylphthalate	10.10	149	2192249	75.367	ng		98
62) 4-Nitroaniline	10.23	138	664282	78.144	ng		98
63) Azobenzene	10.35	77	2003050	78.714	ng		97
65) 4,6-Dinitro-2-methylphenol	10.25	198	354227	80.359	ng		91
66) n-Nitrosodiphenylamine	10.32	169	1794155	76.317	ng		99
67) 4-Bromophenyl-phenylether	10.68	248	632372	74.886	ng		97
68) Hexachlorobenzene	10.75	284	681799	73.337	ng		98
69) Atrazine	10.85	200	593652	78.321	ng		99
70) Pentachlorophenol	10.93	266	456079	90.333	ng		97
71) Phenanthrene	11.15	178	2834635	69.807	ng		99
72) Anthracene	11.21	178	2870710	70.076	ng		98
73) Carbazole	11.36	167	2712698	75.866	ng		99
74) Di-n-butylphthalate	11.71	149	3146724	69.807	ng	#	97
75) Fluoranthene	12.33	202	3011266	72.521	ng		99
77) Benzidine	12.46	184	1794959	82.321	ng	#	94
78) Pyrene	12.56	202	3100187	63.129	ng		97
80) Butylbenzylphthalate	13.19	149	1467233	63.966	ng		97
81) Benzo(a)anthracene	13.74	228	2972974	73.697	ng		97
82) 3,3'-Dichlorobenzidine	13.71	252	1065589	68.899	ng		98
83) Chrysene	13.78	228	2609826	65.059	ng		97
84) Bis(2-ethylhexyl)phthalate	13.77	149	1837127	67.766	ng		99
85) Di-n-octyl phthalate	14.37	149	3100991	66.425	ng		99
86) Indeno(1,2,3-cd)pyrene	16.41	276	3399278	96.469	ng		100
88) Benzo(b)fluoranthene	14.75	252	3216098	69.922	ng		97
89) Benzo(k)fluoranthene	14.78	252	2666389	66.045	ng		100
90) Benzo(a)pyrene	15.07	252	2905972	73.218	ng		100
91) Dibenzo(a,h)anthracene	16.44	278	2656848	77.731	ng		99
92) Benzo(g,h,i)perylene	16.80	276	2748812	78.856	ng		98

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

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