Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101619\
Data File : BF117421.D
Acq On : 16 Oct 2019 18:39
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
10/18/2019 8:26:39 AM

Quant Time: Oct 17 10:56:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	36435	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	155837	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	84329	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	145033	20.00	ng		0.00
76) Chrysene-d12	13.96	240	133075	20.00	ng		0.00
87) Perylene-d12	15.41	264	136572	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	186826	78.90	ng		0.00
7) Phenol-d6	6.43	99	257347	81.91	ng		0.00
23) Nitrobenzene-d5	7.36	82	250359	81.44	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	58334	84.99	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	460173	79.55	ng		0.00
79) Terphenyl-d14	12.90	244	557414	68.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	36913	37.865	ng		98
3) Pyridine	3.20	79	102219m	41.202	ng		
4) n-Nitrosodimethylamine	3.14	42	34958	39.986	ng		86
6) Aniline	6.46	93	159475	40.631	ng	#	86
8) 2-Chlorophenol	6.58	128	105321	40.005	ng		97
9) Benzaldehyde	6.35	77	70426	47.937	ng		95
10) Phenol	6.45	94	135787	40.032	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	102102	39.592	ng		98
12) 1,3-Dichlorobenzene	6.73	146	113644	38.600	ng		95
13) 1,4-Dichlorobenzene	6.80	146	121844	40.598	ng		93
14) 1,2-Dichlorobenzene	6.96	146	114719	40.469	ng		98
15) Benzyl Alcohol	6.94	79	97003	40.354	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	108873	40.206	ng		98
17) 2-Methylphenol	7.06	107	92161	41.932	ng		95
18) Hexachloroethane	7.30	117	46392	39.758	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	81703	40.784	ng		96
20) 3+4-Methylphenols	7.22	107	119487	42.222	ng	#	89
22) Acetophenone	7.20	105	165700	40.521	ng		95
24) Nitrobenzene	7.37	77	122836	39.888	ng		97
25) Isophorone	7.62	82	225678	41.209	ng		97
26) 2-Nitrophenol	7.70	139	56970	41.695	ng		98
27) 2,4-Dimethylphenol	7.73	122	84007	40.454	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	140543	41.397	ng		99
29) 2,4-Dichlorophenol	7.95	162	88416	41.264	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	95827	41.486	ng		99
31) Naphthalene	8.09	128	320381	41.167	ng		100
32) Benzoic acid	7.86	122	24520m	22.044	ng		
33) 4-Chloroaniline	8.15	127	138046	41.767	ng		99
34) Hexachlorobutadiene	8.21	225	52940	40.017	ng		99
35) Caprolactam	8.52	113	30809	45.915	ng		92
36) 4-Chloro-3-methylphenol	8.64	107	103350	42.389	ng		95
37) 2-Methylnaphthalene	8.79	142	219453	41.759	ng		96
38) 1-Methylnaphthalene	8.89	142	211215	42.657	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	91783	40.441	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	24374	57.511	ng		88
43) 2,4,6-Trichlorophenol	9.07	196	55308	38.507	ng		96
44) 2,4,5-Trichlorophenol	9.13	196	59322	40.491	ng		99
46) 1,1'-Biphenyl	9.25	154	281355	40.840	ng		98
47) 2-Chloronaphthalene	9.27	162	214296	39.903	ng		99
48) 2-Nitroaniline	9.38	65	72881	42.534	ng		94
49) Acenaphthylene	9.69	152	322809	41.003	ng		100
50) Dimethylphthalate	9.55	163	255614	42.206	ng		99
51) 2,6-Dinitrotoluene	9.62	165	53553	42.069	ng		92
52) Acenaphthene	9.86	154	193592	40.467	ng		98
53) 3-Nitroaniline	9.79	138	67369	43.338	ng		90
54) 2,4-Dinitrophenol	9.93	184	11324	24.270	ng		95
55) Dibenzofuran	10.03	168	289628	41.503	ng		97
56) 4-Nitrophenol	9.97	139	31684	47.454	ng		93
57) 2,4-Dinitrotoluene	10.03	165	75232	44.789	ng		96
58) Fluorene	10.37	166	245166	42.193	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	46296	40.876	ng		97
60) Diethylphthalate	10.25	149	262894	43.064	ng		98
61) 4-Chlorophenyl-phenylether	10.36	204	108056	42.003	ng		91
62) 4-Nitroaniline	10.41	138	69628	47.120	ng		95
63) Azobenzene	10.52	77	262891	41.969	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	26220	35.387	ng		94
66) n-Nitrosodiphenylamine	10.49	169	210742	38.897	ng		98
67) 4-Bromophenyl-phenylether	10.85	248	61945	38.940	ng	#	91
68) Hexachlorobenzene	10.93	284	66821	39.113	ng	#	90
69) Atrazine	11.01	200	44973	51.190	ng		98
70) Pentachlorophenol	11.14	266	22916	44.837	ng		93
71) Phenanthrene	11.34	178	355306	41.442	ng		99
72) Anthracene	11.39	178	366499	41.410	ng		99
73) Carbazole	11.55	167	355238	44.186	ng		99
74) Di-n-butylphthalate	11.87	149	469806	43.155	ng		99
75) Fluoranthene	12.53	202	385912	45.268	ng		98
77) Benzidine	12.65	184	136639	41.516	ng		97
78) Pyrene	12.76	202	400026	34.007	ng		100
80) Butylbenzylphthalate	13.37	149	216272	36.563	ng		95
81) Benzo(a)anthracene	13.95	228	363061	39.762	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	121703	42.157	ng		99
83) Chrysene	13.99	228	356678	39.611	ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	318437	38.182	ng	#	96
85) Di-n-octyl phthalate	14.53	149	552567	43.519	ng		99
86) Indeno(1,2,3-cd)pyrene	16.87	276	312221	49.589	ng		98
88) Benzo(b)fluoranthene	15.00	252	338782	39.846	ng		99
89) Benzo(k)fluoranthene	15.03	252	324035	38.350	ng		98
90) Benzo(a)pyrene	15.36	252	302604	40.192	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	269794	41.819	ng		98
92) Benzo(g,h,i)perylene	17.30	276	239752	39.041	ng		94

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

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