Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
Data File : BF117579.D
Acq On : 29 Oct 2019 9:55
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/30/2019 4:52:30 PM

Quant Time: Oct 29 10:51:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	40735	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	169139	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	84442	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	133215	20.00	ng		0.00
76) Chrysene-d12	13.90	240	87211	20.00	ng		0.00
87) Perylene-d12	15.33	264	76701	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	234002	85.46	ng		0.00
7) Phenol-d6	6.39	99	309418	84.14	ng		0.00
23) Nitrobenzene-d5	7.30	82	286759	83.70	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	56770	77.70	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	487946	81.42	ng		0.00
79) Terphenyl-d14	12.83	244	441186	82.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	47373	41.151	ng		99
3) Pyridine	3.10	79	117388	41.654	ng		98
4) n-Nitrosodimethylamine	3.06	42	40841	39.947	ng		98
6) Aniline	6.39	93	179909	41.670	ng	#	82
8) 2-Chlorophenol	6.52	128	120193	41.600	ng		98
9) Benzaldehyde	6.28	77	81951	48.238	ng		98
10) Phenol	6.40	94	153840	40.986	ng		98
11) bis(2-Chloroethyl)ether	6.46	93	112983	40.695	ng		98
12) 1,3-Dichlorobenzene	6.67	146	135115	41.906	ng		98
13) 1,4-Dichlorobenzene	6.75	146	135249	41.350	ng		97
14) 1,2-Dichlorobenzene	6.90	146	128228	41.590	ng		99
15) Benzyl Alcohol	6.89	79	110230	41.953	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	124876	41.695	ng	#	43
17) 2-Methylphenol	7.00	107	97944	41.208	ng		94
18) Hexachloroethane	7.23	117	51899	40.652	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	89913	40.033	ng		95
20) 3+4-Methylphenols	7.16	107	131613	42.234	ng	#	70
22) Acetophenone	7.15	105	189675	42.232	ng	#	93
24) Nitrobenzene	7.32	77	135798	41.383	ng		99
25) Isophorone	7.56	82	239048	40.333	ng		100
26) 2-Nitrophenol	7.63	139	61952	42.330	ng		97
27) 2,4-Dimethylphenol	7.68	122	93562	42.776	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	150942	41.273	ng		98
29) 2,4-Dichlorophenol	7.89	162	94566	41.220	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	99556	40.438	ng		99
31) Naphthalene	8.03	128	345716	41.237	ng		99
32) Benzoic acid	7.83	122	39905	26.636	ng		91
33) 4-Chloroaniline	8.09	127	148829	42.064	ng		97
34) Hexachlorobutadiene	8.15	225	56684	39.779	ng		97
35) Caprolactam	8.46	113	32085m	43.536	ng		
36) 4-Chloro-3-methylphenol	8.59	107	107810	41.205	ng		98
37) 2-Methylnaphthalene	8.72	142	227818	40.328	ng		98
38) 1-Methylnaphthalene	8.82	142	215790	40.651	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	96231	42.312	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	28639	55.363	ng		98
43) 2,4,6-Trichlorophenol	9.02	196	57571	40.422	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	53364	36.975	ng		98
46) 1,1'-Biphenyl	9.19	154	290389	41.540	ng		98
47) 2-Chloronaphthalene	9.22	162	218361	41.428	ng		96
48) 2-Nitroaniline	9.32	65	75311	43.525	ng		89
49) Acenaphthylene	9.63	152	323306	41.760	ng		99
50) Dimethylphthalate	9.49	163	249599	41.463	ng		100
51) 2,6-Dinitrotoluene	9.56	165	53929	42.931	ng		91
52) Acenaphthene	9.80	154	195024	41.058	ng		99
53) 3-Nitroaniline	9.73	138	65824	43.187	ng		100
54) 2,4-Dinitrophenol	9.87	184	17117m	35.587	ng		
55) Dibenzofuran	9.97	168	292254	42.468	ng		98
56) 4-Nitrophenol	9.93	139	24182	36.818	ng		97
57) 2,4-Dinitrotoluene	9.97	165	70709	42.337	ng		94
58) Fluorene	10.32	166	239607	42.104	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	42557	37.518	ng	#	97
60) Diethylphthalate	10.19	149	249754	41.018	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	103365	40.484	ng		98
62) 4-Nitroaniline	10.35	138	62672	43.625	ng		96
63) Azobenzene	10.46	77	256885	41.213	ng		99
65) 4,6-Dinitro-2-methylphenol	10.39	198	25366	37.452	ng		96
66) n-Nitrosodiphenylamine	10.42	169	202214	41.522	ng		97
67) 4-Bromophenyl-phenylether	10.79	248	57564	40.118	ng		99
68) Hexachlorobenzene	10.87	284	63379	41.244	ng		94
69) Atrazine	10.95	200	44496	35.911	ng		98
70) Pentachlorophenol	11.07	266	22006	47.770	ng		95
71) Phenanthrene	11.27	178	329479	42.594	ng		98
72) Anthracene	11.33	178	336291	42.371	ng		99
73) Carbazole	11.49	167	308793	42.573	ng		99
74) Di-n-butylphthalate	11.80	149	393967	40.650	ng		99
75) Fluoranthene	12.47	202	321408	41.506	ng		97
77) Benzidine	12.59	184	101568	41.125	ng		100
78) Pyrene	12.69	202	318974	42.581	ng		100
80) Butylbenzylphthalate	13.30	149	152205	40.831	ng		99
81) Benzo(a)anthracene	13.89	228	242256	41.181	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	77857	42.177	ng		98
83) Chrysene	13.92	228	235801	40.899	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	202570	38.793	ng		96
85) Di-n-octyl phthalate	14.47	149	317231	39.513	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	189936	44.125	ng		98
88) Benzo(b)fluoranthene	14.92	252	193528	42.728	ng		98
89) Benzo(k)fluoranthene	14.94	252	182688	39.353	ng		98
90) Benzo(a)pyrene	15.27	252	172919	41.991	ng		99
91) Dibenzo(a,h)anthracene	16.74	278	160666	45.121	ng		96
92) Benzo(g,h,i)perylene	17.17	276	155048	46.020	ng		96

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

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