Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
Data File : BF117379.D
Acq On : 12 Oct 2019 20:10
Operator : JU
Sample : K5145-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-100919MSD

Manual Integrations APPROVED
mohammad
10/16/2019 8:05:55 AM

Quant Time: Oct 14 02:37:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	48569	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	196770	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	101083	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	173763	20.00	ng		0.00
76) Chrysene-d12	13.97	240	139240	20.00	ng		0.00
87) Perylene-d12	15.42	264	132057	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	360997	116.04	ng		0.01
7) Phenol-d6	6.45	99	472520	117.53	ng		0.00
23) Nitrobenzene-d5	7.36	82	300156	80.15	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	110493	130.79	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	562646	87.03	ng		-0.01
79) Terphenyl-d14	12.90	244	620022	83.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	45172	34.701	ng	#	85
3) Pyridine	3.43	79	102446m	28.752	ng		
4) n-Nitrosodimethylamine	3.32	42	48854	39.954	ng	#	97
6) Aniline	6.47	93	30014	5.798	ng	#	7
8) 2-Chlorophenol	6.59	128	135839	40.476	ng		98
9) Benzaldehyde	6.35	77	67322	31.509	ng		97
10) Phenol	6.46	94	159904	36.078	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	126948	38.971	ng		100
12) 1,3-Dichlorobenzene	6.73	146	132704	35.238	ng		99
13) 1,4-Dichlorobenzene	6.81	146	137753	35.843	ng		100
14) 1,2-Dichlorobenzene	6.96	146	130771	36.547	ng		98
15) Benzyl Alcohol	6.95	79	122520	39.740	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	127278	39.548	ng	#	42
17) 2-Methylphenol	7.06	107	111254	39.554	ng	#	83
18) Hexachloroethane	7.30	117	51537	34.858	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	99639	40.700	ng		96
20) 3+4-Methylphenols	7.22	107	146518	41.821	ng	#	55
22) Acetophenone	7.20	105	200845	40.174	ng	#	94
24) Nitrobenzene	7.38	77	152792	41.314	ng		95
25) Isophorone	7.62	82	274689	41.426	ng		100
26) 2-Nitrophenol	7.70	139	71550	45.041	ng		97
27) 2,4-Dimethylphenol	7.74	122	118060	46.865	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	165321	40.467	ng		99
29) 2,4-Dichlorophenol	7.95	162	112343	42.561	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	108118	37.913	ng		98
31) Naphthalene	8.10	128	398751	42.136	ng		98
32) Benzoic acid	7.89	122	54438	31.282	ng		97
33) 4-Chloroaniline	8.17	127	10487	2.498	ng		95
34) Hexachlorobutadiene	8.22	225	59706	36.903	ng		98
35) Caprolactam	8.53	113	35248m	39.452	ng		
36) 4-Chloro-3-methylphenol	8.65	107	134629	43.742	ng		97
37) 2-Methylnaphthalene	8.79	142	268806	42.182	ng		96
38) 1-Methylnaphthalene	8.89	142	251190	42.086	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	102690	39.341	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	54618	50.542	ng		98
43) 2,4,6-Trichlorophenol	9.08	196	74898	42.282	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	76782	40.570	ng		94
46) 1,1'-Biphenyl	9.25	154	327376	41.289	ng		99
47) 2-Chloronaphthalene	9.28	162	252640	40.373	ng		99
48) 2-Nitroaniline	9.39	65	81921	40.815	ng		99
49) Acenaphthylene	9.69	152	396545	42.301	ng		99
50) Dimethylphthalate	9.55	163	300976	42.052	ng		99
51) 2,6-Dinitrotoluene	9.62	165	67784	46.501	ng	#	90
52) Acenaphthene	9.87	154	236646	42.586	ng		98
53) 3-Nitroaniline	9.80	138	21975	11.948	ng		94
54) 2,4-Dinitrophenol	9.92	184	59437	92.778	ng		96
55) Dibenzofuran	10.04	168	353881	43.162	ng		99
56) 4-Nitrophenol	9.98	139	80144	67.236	ng		93
57) 2,4-Dinitrotoluene	10.04	165	89845	47.483	ng	#	87
58) Fluorene	10.38	166	291670	44.163	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	62473	43.136	ng		96
60) Diethylphthalate	10.25	149	306301	43.500	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	128245	44.880	ng		98
62) 4-Nitroaniline	10.42	138	68496	35.812	ng		96
63) Azobenzene	10.53	77	319304	44.399	ng		96
65) 4,6-Dinitro-2-methylphenol	10.45	198	38488	48.524	ng		92
66) n-Nitrosodiphenylamine	10.49	169	259619	43.262	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	73022	41.150	ng		98
68) Hexachlorobenzene	10.94	284	76436	39.381	ng		96
69) Atrazine	11.02	200	71789	49.340	ng		98
70) Pentachlorophenol	11.14	266	72071	79.216	ng		98
71) Phenanthrene	11.35	178	424704	43.031	ng		99
72) Anthracene	11.40	178	440349	43.702	ng		98
73) Carbazole	11.56	167	415443	43.437	ng		100
74) Di-n-butylphthalate	11.87	149	519650	45.666	ng		99
75) Fluoranthene	12.53	202	450493	44.423	ng		100
77) Benzidine	12.66	184	27316	6.090	ng		97
78) Pyrene	12.77	202	464808	39.784	ng		98
80) Butylbenzylphthalate	13.37	149	232469	42.110	ng		93
81) Benzo(a)anthracene	13.96	228	378261	40.661	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	25791	8.603	ng	#	96
83) Chrysene	13.99	228	379890	41.869	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	337860	47.466	ng		99
85) Di-n-octyl phthalate	14.54	149	561604	50.129	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	301667	45.573	ng		98
88) Benzo(b)fluoranthene	15.00	252	332757	41.599	ng		100
89) Benzo(k)fluoranthene	15.03	252	316254	41.736	ng		99
90) Benzo(a)pyrene	15.36	252	301849	43.002	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	258182	46.171	ng		98
92) Benzo(g,h,i)perylene	17.32	276	247012	44.329	ng		99

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

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