Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
Data File : BF117345.D
Acq On : 8 Oct 2019 17:24
Operator : JU
Sample : K5238-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-COMPMSD

Manual Integrations APPROVED
mohammad
10/11/2019 8:29:23 AM

Quant Time: Oct 09 03:36:07 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	6.80	152	43583	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	179213	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	94629	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	158877	20.00	ng		0.00
76) Chrysene-d12	13.97	240	128506	20.00	ng		0.00
87) Perylene-d12	15.43	264	118512	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	327372	117.27	ng		0.00
7) Phenol-d6	6.45	99	458128	126.99	ng		0.00
23) Nitrobenzene-d5	7.37	82	282189	82.73	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	97476	123.25	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	481839	79.62	ng		0.00
79) Terphenyl-d14	12.91	244	511035	74.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	42914	36.738	ng		97
3) Pyridine	3.31	79	97138	30.382	ng		99
4) n-Nitrosodimethylamine	3.24	42	41438	37.766	ng	#	89
6) Aniline	6.46	93	123095	26.501	ng	#	1
8) 2-Chlorophenol	6.59	128	131935	43.810	ng		98
9) Benzaldehyde	6.35	77	77321	43.787	ng		96
10) Phenol	6.46	94	172177	43.291	ng		91
11) bis(2-Chloroethyl)ether	6.53	93	120480	41.217	ng		97
12) 1,3-Dichlorobenzene	6.74	146	136232	40.313	ng		98
13) 1,4-Dichlorobenzene	6.82	146	137259	39.800	ng		99
14) 1,2-Dichlorobenzene	6.97	146	131909	41.082	ng		98
15) Benzyl Alcohol	6.95	79	117506	42.474	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	123335	42.707	ng		60
17) 2-Methylphenol	7.07	107	102899	40.769	ng	#	82
18) Hexachloroethane	7.31	117	53590	40.393	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	96953	44.133	ng		96
20) 3+4-Methylphenols	7.22	107	139774	44.460	ng	#	66
22) Acetophenone	7.21	105	193579	42.514	ng		96
24) Nitrobenzene	7.39	77	144724	42.966	ng		96
25) Isophorone	7.62	82	267511	44.296	ng		99
26) 2-Nitrophenol	7.70	139	69161	47.802	ng		97
27) 2,4-Dimethylphenol	7.75	122	115363	50.281	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	158586	42.622	ng		100
29) 2,4-Dichlorophenol	7.95	162	107663	44.784	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	107521	41.398	ng		98
31) Naphthalene	8.10	128	381728	44.289	ng		99
32) Benzoic acid	7.86	122	19943	16.524	ng		96
33) 4-Chloroaniline	8.16	127	56968	14.902	ng		97
34) Hexachlorobutadiene	8.22	225	60560	41.098	ng		98
35) Caprolactam	8.53	113	33863m	41.615	ng		
36) 4-Chloro-3-methylphenol	8.65	107	124613	44.454	ng		99
37) 2-Methylnaphthalene	8.80	142	264390	45.553	ng		97
38) 1-Methylnaphthalene	8.89	142	250945	46.164	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	102074	41.772	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	65906	62.879	ng		100
43) 2,4,6-Trichlorophenol	9.08	196	66072	39.844	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	71077	40.117	ng		93
46) 1,1'-Biphenyl	9.26	154	310459	41.826	ng		99
47) 2-Chloronaphthalene	9.29	162	240767	41.100	ng		98
48) 2-Nitroaniline	9.39	65	75922	40.406	ng		97
49) Acenaphthylene	9.70	152	383929	43.749	ng		99
50) Dimethylphthalate	9.56	163	349979	52.234	ng		99
51) 2,6-Dinitrotoluene	9.63	165	62438	45.755	ng		98
52) Acenaphthene	9.87	154	222893	42.846	ng		99
53) 3-Nitroaniline	9.80	138	38430	22.321	ng		98
54) 2,4-Dinitrophenol	9.92	184	34557	61.094	ng		87
55) Dibenzofuran	10.05	168	333826	43.493	ng		99
56) 4-Nitrophenol	9.98	139	69015	61.848	ng		92
57) 2,4-Dinitrotoluene	10.04	165	82710	46.693	ng	#	84
58) Fluorene	10.39	166	281627	45.550	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	56673	41.800	ng		95
60) Diethylphthalate	10.26	149	291610	44.238	ng		97
61) 4-Chlorophenyl-phenylether	10.37	204	121455	45.403	ng		97
62) 4-Nitroaniline	10.42	138	74419	41.563	ng		98
63) Azobenzene	10.53	77	301727	44.817	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	28416	40.511	ng		97
66) n-Nitrosodiphenylamine	10.50	169	245333	44.712	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	70149	43.235	ng		100
68) Hexachlorobenzene	10.94	284	72098	40.627	ng		95
69) Atrazine	11.02	200	68710	52.696	ng		98
70) Pentachlorophenol	11.15	266	50447	60.644	ng		96
71) Phenanthrene	11.35	178	399631	44.285	ng		99
72) Anthracene	11.40	178	421123	45.710	ng		99
73) Carbazole	11.56	167	392622	44.897	ng		98
74) Di-n-butylphthalate	11.88	149	499297	47.988	ng		99
75) Fluoranthene	12.54	202	439841	47.436	ng		99
77) Benzidine	12.66	184	215777	52.126	ng		100
78) Pyrene	12.77	202	441524	40.948	ng		99
80) Butylbenzylphthalate	13.37	149	221198	43.415	ng		98
81) Benzo(a)anthracene	13.96	228	364704	42.478	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	54791	19.804	ng		99
83) Chrysene	14.00	228	356493	42.573	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	322767	49.133	ng		100
85) Di-n-octyl phthalate	14.55	149	534785	51.722	ng		100
86) Indeno(1,2,3-cd)pyrene	16.89	276	294775	48.251	ng		98
88) Benzo(b)fluoranthene	15.01	252	295545	41.170	ng		98
89) Benzo(k)fluoranthene	15.04	252	304015	44.707	ng		99
90) Benzo(a)pyrene	15.37	252	287185	45.589	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	250037	49.825	ng		98
92) Benzo(g,h,i)perylene	17.33	276	242424	48.478	ng		98

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

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