Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112027.D
Acq On : 11 Jan 2019 20:39
Operator : JU/SJ
Sample : K1088-08MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-07(15-20)MS

Manual Integrations APPROVED
Sohil
1/14/2019 4:10:31 PM

Quant Time: Jan 12 01:02:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	108496	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	312550	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	136889	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	254632	20.00	ng		0.00
76) Chrysene-d12	14.07	240	179579	20.00	ng		0.02
87) Perylene-d12	15.54	264	140048	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	775019	122.21	ng		0.01
7) Phenol-d6	6.53	99	838112	102.54	ng		0.01
23) Nitrobenzene-d5	7.43	82	566859	96.93	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	184003	103.34	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	746888	79.56	ng		0.00
79) Terphenyl-d14	13.01	244	769747	81.37	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	91223	32.897	ng		98
3) Pyridine	3.43	79	261378	36.367	ng		99
4) n-Nitrosodimethylamine	3.36	42	144513	40.412	ng		99
6) Aniline	6.54	93	127083	12.858	ng	#	1
8) 2-Chlorophenol	6.67	128	258121	36.655	ng		96
9) Benzaldehyde	6.42	77	88474	15.300	ng		99
10) Phenol	6.54	94	333831	37.577	ng		81
11) bis(2-Chloroethyl)ether	6.60	93	269078	39.151	ng		99
12) 1,3-Dichlorobenzene	6.82	146	284977	34.908	ng		99
13) 1,4-Dichlorobenzene	6.89	146	290052	35.013	ng		99
14) 1,2-Dichlorobenzene	7.05	146	275372	34.775	ng		99
15) Benzyl Alcohol	7.02	79	226240	34.982	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	393949	33.620	ng		97
17) 2-Methylphenol	7.14	107	197799	34.949	ng		93
18) Hexachloroethane	7.39	117	71436	24.698	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	201377	37.918	ng		97
20) 3+4-Methylphenols	7.29	107	279069	39.619	ng	#	69
22) Acetophenone	7.28	105	388916	49.150	ng	#	91
24) Nitrobenzene	7.46	77	280901	47.483	ng		97
25) Isophorone	7.69	82	389383	41.118	ng		98
26) 2-Nitrophenol	7.77	139	94946	32.596	ng		92
27) 2,4-Dimethylphenol	7.82	122	180984	42.973	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	247070	39.087	ng		93
29) 2,4-Dichlorophenol	8.02	162	177050	36.559	ng		100
30) 1,2,4-Trichlorobenzene	8.10	180	189017	35.379	ng		97
31) Naphthalene	8.18	128	952325	64.186	ng		100
32) Benzoic acid	7.89	122	14483m	5.299	ng		
33) 4-Chloroaniline	8.23	127	82998	12.941	ng		95
34) Hexachlorobutadiene	8.30	225	117692	35.386	ng		99
35) Caprolactam	8.58	113	55190m	34.880	ng		
36) 4-Chloro-3-methylphenol	8.72	107	162035	33.651	ng		96
37) 2-Methylnaphthalene	8.87	142	422202	45.924	ng		99
38) 1-Methylnaphthalene	8.97	142	407801	46.247	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	173105	39.666	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.15	196	114489	38.679	ng		95
44) 2,4,5-Trichlorophenol	9.20	196	116083	37.431	ng		98
46) 1,1'-Biphenyl	9.33	154	533374	46.581	ng		99
47) 2-Chloronaphthalene	9.36	162	336323	37.424	ng		99
48) 2-Nitroaniline	9.45	65	108774	39.589	ng		98
49) Acenaphthylene	9.78	152	1079211	81.227	ng		99
50) Dimethylphthalate	9.63	163	450687	43.828	ng		99
51) 2,6-Dinitrotoluene	9.69	165	78498	34.136	ng		98
52) Acenaphthene	9.95	154	417821	48.781	ng		99
53) 3-Nitroaniline	9.86	138	69645	28.281	ng		95
54) 2,4-Dinitrophenol	9.97	184	1050	1.078	ng	#	1
55) Dibenzofuran	10.12	168	537142	43.121	ng		98
56) 4-Nitrophenol	10.04	139	128561	73.885	ng		96
57) 2,4-Dinitrotoluene	10.10	165	105196	35.403	ng	#	98
58) Fluorene	10.46	166	595463	65.695	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	94457	36.149	ng	#	96
60) Diethylphthalate	10.33	149	381060	38.292	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	179152	35.247	ng		97
62) 4-Nitroaniline	10.47	138	83108	35.581	ng		96
63) Azobenzene	10.62	77	334071	35.141	ng		89
65) 4,6-Dinitro-2-methylphenol	10.52	198	3286	2.091	ng	#	1
66) n-Nitrosodiphenylamine	10.57	169	329400	38.549	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	110269	33.434	ng		98
68) Hexachlorobenzene	11.02	284	122214	33.436	ng	#	93
69) Atrazine	11.10	200	110287	36.735	ng		96
70) Pentachlorophenol	11.22	266	112982	54.320	ng		99
71) Phenanthrene	11.44	178	2992037	219.779	ng		97
72) Anthracene	11.49	178	1010051	73.086	ng		99
73) Carbazole	11.63	167	503954	37.488	ng		99
74) Di-n-butylphthalate	11.96	149	585322	37.485	ng		99
75) Fluoranthene	12.65	202	2433940	174.153	ng		98
77) Benzidine	12.78	184	149375	27.838	ng	#	96
78) Pyrene	12.88	202	3140873	254.195	ng		99
80) Butylbenzylphthalate	13.47	149	245278	46.954	ng		94
81) Benzo(a)anthracene	14.06	228	901727m	87.249	ng		
82) 3,3'-Dichlorobenzidine	14.01	252	54902	14.389	ng	#	96
83) Chrysene	14.09	228	766966	77.831	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	431830	62.946	ng		98
85) Di-n-octyl phthalate	14.64	149	467557	47.624	ng		97
86) Indeno(1,2,3-cd)pyrene	17.05	276	554298	77.156	ng		97
88) Benzo(b)fluoranthene	15.12	252	678494	80.989	ng	#	92
89) Benzo(k)fluoranthene	15.14	252	452380m	57.446	ng		
90) Benzo(a)pyrene	15.49	252	687221	93.295	ng	#	98
91) Dibenzo(a,h)anthracene	17.06	278	307447	51.894	ng		99
92) Benzo(g,h,i)perylene	17.51	276	526215	90.809	ng		99

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

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