Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112029.D
Acq On : 11 Jan 2019 21:33
Operator : JU/SJ
Sample : K1088-10MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPSB-06(15-20)MS

Manual Integrations APPROVED
Sohil
1/14/2019 4:10:35 PM

Quant Time: Jan 12 01:41:18 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	89080	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	311047	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	138031	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	232754	20.00	ng		0.01
76) Chrysene-d12	14.06	240	178584	20.00	ng		0.02
87) Perylene-d12	15.55	264	125158	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	566681	108.83	ng		0.01
7) Phenol-d6	6.52	99	706357	105.25	ng		0.00
23) Nitrobenzene-d5	7.43	82	423309	72.73	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	184696	102.87	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	786191	83.06	ng		0.00
79) Terphenyl-d14	13.00	244	807500	85.83	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	91415	40.152	ng		98
3) Pyridine	3.43	79	221143	37.475	ng		99
4) n-Nitrosodimethylamine	3.37	42	134533	45.822	ng		98
6) Aniline	6.53	93	76558	9.435	ng	#	1
8) 2-Chlorophenol	6.67	128	217614	37.638	ng		94
9) Benzaldehyde	6.42	77	73267	15.458	ng		97
10) Phenol	6.54	94	277938	38.105	ng		79
11) bis(2-Chloroethyl)ether	6.60	93	206753	36.640	ng		96
12) 1,3-Dichlorobenzene	6.82	146	246411	36.763	ng		98
13) 1,4-Dichlorobenzene	6.89	146	244557	35.956	ng		98
14) 1,2-Dichlorobenzene	7.05	146	231789	35.651	ng		99
15) Benzyl Alcohol	7.02	79	184032	34.658	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	323885	33.665	ng		62
17) 2-Methylphenol	7.14	107	177850	38.273	ng		96
18) Hexachloroethane	7.39	117	61891	26.062	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	157008	36.007	ng		96
20) 3+4-Methylphenols	7.29	107	223522	38.650	ng	#	70
22) Acetophenone	7.28	105	303621	38.556	ng	#	91
24) Nitrobenzene	7.46	77	217608	36.962	ng		98
25) Isophorone	7.69	82	392191	41.615	ng		98
26) 2-Nitrophenol	7.77	139	90767	31.312	ng		92
27) 2,4-Dimethylphenol	7.82	122	179515	42.830	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	246755	39.226	ng		100
29) 2,4-Dichlorophenol	8.02	162	180752	37.503	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	198831	37.396	ng		99
31) Naphthalene	8.18	128	597572	40.471	ng		100
32) Benzoic acid	7.89	122	8411	3.092	ng	#	83
33) 4-Chloroaniline	8.23	127	69182	10.839	ng		97
34) Hexachlorobutadiene	8.30	225	117885	35.615	ng		99
35) Caprolactam	8.58	113	60434m	38.379	ng		
36) 4-Chloro-3-methylphenol	8.72	107	167652	34.986	ng		97
37) 2-Methylnaphthalene	8.87	142	385111	42.092	ng		99
38) 1-Methylnaphthalene	8.97	142	353813	40.318	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	178046	40.461	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	2934	1.153	ng		97
43) 2,4,6-Trichlorophenol	9.16	196	114223	38.269	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	116641	37.300	ng		96
46) 1,1'-Biphenyl	9.33	154	449667	38.945	ng		98
47) 2-Chloronaphthalene	9.36	162	340201	37.543	ng		99
48) 2-Nitroaniline	9.46	65	117898	42.555	ng		90
49) Acenaphthylene	9.78	152	529020	39.488	ng		98
50) Dimethylphthalate	9.63	163	463156	44.667	ng		99
51) 2,6-Dinitrotoluene	9.69	165	78912	34.033	ng		93
52) Acenaphthene	9.95	154	411782	47.678	ng		99
53) 3-Nitroaniline	9.86	138	76818	30.936	ng	#	99
54) 2,4-Dinitrophenol	9.98	184	884	0.900	ng	#	1
55) Dibenzofuran	10.12	168	546589	43.516	ng		97
56) 4-Nitrophenol	10.05	139	122057	69.567	ng		91
57) 2,4-Dinitrotoluene	10.10	165	104986	35.040	ng	#	94
58) Fluorene	10.47	166	444760	48.663	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	90959	34.522	ng	#	95
60) Diethylphthalate	10.33	149	382737	38.142	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	176839	34.504	ng		98
62) 4-Nitroaniline	10.47	138	93513	39.704	ng		91
63) Azobenzene	10.62	77	332001	34.634	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	2899	2.019	ng	#	1
66) n-Nitrosodiphenylamine	10.57	169	342966	43.910	ng		96
67) 4-Bromophenyl-phenylether	10.95	248	115642	38.359	ng		95
68) Hexachlorobenzene	11.03	284	116687	34.925	ng	#	94
69) Atrazine	11.10	200	108331	39.476	ng		95
70) Pentachlorophenol	11.22	266	93958	49.420	ng		98
71) Phenanthrene	11.43	178	691763	55.589	ng		99
72) Anthracene	11.49	178	561529	44.451	ng		98
73) Carbazole	11.64	167	454850	37.016	ng		97
74) Di-n-butylphthalate	11.96	149	552495	38.709	ng		98
75) Fluoranthene	12.63	202	750311	58.732	ng		97
77) Benzidine	12.74	184	148015	27.738	ng	#	87
78) Pyrene	12.86	202	680673	55.395	ng		99
80) Butylbenzylphthalate	13.47	149	216794	41.733	ng		93
81) Benzo(a)anthracene	14.06	228	456640	44.430	ng		97
82) 3,3'-Dichlorobenzidine	14.00	252	55137	14.531	ng	#	92
83) Chrysene	14.09	228	412386	42.082	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	483534	70.875	ng	#	96
85) Di-n-octyl phthalate	14.64	149	491794	50.372	ng	#	74
86) Indeno(1,2,3-cd)pyrene	17.05	276	310673	43.486	ng		99
88) Benzo(b)fluoranthene	15.12	252	359351	47.998	ng	#	85
89) Benzo(k)fluoranthene	15.14	252	338231	48.061	ng	#	90
90) Benzo(a)pyrene	15.49	252	296581	45.053	ng	#	89
91) Dibenzo(a,h)anthracene	17.06	278	257771	48.685	ng		97
92) Benzo(g,h,i)perylene	17.50	276	254842	49.210	ng		99

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

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