Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116208.D
Acq On : 13 Aug 2019 00:08
Operator : HP/JU
Sample : K4152-21MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2S-H1-H4-COMP-(0-1)MSD

Manual Integrations APPROVED
mohammad
8/14/2019 2:53:46 AM

Quant Time: Aug 13 01:59:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	120549	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	470521	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	261017	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	468449	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	339674	20.00	ng		0.00
87) Perylene-d12	15.46	264	320815	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	865363	120.17	ng		0.00
7) Phenol-d6	6.48	99	1027125	113.05	ng		0.00
23) Nitrobenzene-d5	7.40	82	757045	92.87	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	350856	138.64	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1278914	91.78	ng		-0.01
79) Terphenyl-d14	12.94	244	1653804	102.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	127186	34.962	ng	#	85
3) Pyridine	3.47	79	208222	20.490	ng		99
4) n-Nitrosodimethylamine	3.37	42	150600	37.553	ng		100
6) Aniline	6.50	93	169289	13.011	ng	#	72
8) 2-Chlorophenol	6.63	128	354408	44.508	ng		99
9) Benzaldehyde	6.40	77	44234	7.056	ng		98
10) Phenol	6.49	94	395220	36.940	ng		79
11) bis(2-Chloroethyl)ether	6.57	93	342453	43.536	ng		96
12) 1,3-Dichlorobenzene	6.77	146	333018	36.187	ng		100
13) 1,4-Dichlorobenzene	6.85	146	345933	37.543	ng		99
14) 1,2-Dichlorobenzene	7.00	146	326509	38.483	ng		99
15) Benzyl Alcohol	6.99	79	295447	42.851	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	447358	41.696	ng		90
17) 2-Methylphenol	7.10	107	295290	43.795	ng		95
18) Hexachloroethane	7.35	117	121179	35.720	ng		94
19) n-Nitroso-di-n-propylamine	7.25	70	248210	44.087	ng		99
20) 3+4-Methylphenols	7.25	107	366561	45.941	ng		92
22) Acetophenone	7.25	105	494827	47.952	ng		96
24) Nitrobenzene	7.42	77	405837	46.110	ng		98
25) Isophorone	7.66	82	739000	47.412	ng		99
26) 2-Nitrophenol	7.73	139	200072	48.223	ng		99
27) 2,4-Dimethylphenol	7.77	122	328391	52.610	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	454443	47.040	ng		100
29) 2,4-Dichlorophenol	7.98	162	324634	49.257	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	323951	43.120	ng		99
31) Naphthalene	8.13	128	1028640	46.457	ng		99
32) Benzoic acid	7.93	122	176168	40.031	ng		96
33) 4-Chloroaniline	8.20	127	117120	11.839	ng		98
34) Hexachlorobutadiene	8.25	225	176911	40.883	ng		99
35) Caprolactam	8.57	113	77854m	36.524	ng		
36) 4-Chloro-3-methylphenol	8.68	107	345380	50.374	ng		99
37) 2-Methylnaphthalene	8.83	142	707722	48.533	ng		98
38) 1-Methylnaphthalene	8.93	142	660432	47.873	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	321448	46.066	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	140104	47.335 ng	100
43) 2,4,6-Trichlorophenol	9.12	196	216349	45.044 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	234919	47.316 ng	99
46) 1,1'-Biphenyl	9.29	154	870695	47.249 ng	98
47) 2-Chloronaphthalene	9.32	162	685119	44.670 ng	99
48) 2-Nitroaniline	9.42	65	230958	45.558 ng	96
49) Acenaphthylene	9.73	152	1055107	47.154 ng	99
50) Dimethylphthalate	9.59	163	863111	48.565 ng	100
51) 2,6-Dinitrotoluene	9.66	165	187445	48.533 ng	98
52) Acenaphthene	9.90	154	645431	47.018 ng	99
53) 3-Nitroaniline	9.83	138	118291	24.787 ng	99
54) 2,4-Dinitrophenol	9.95	184	147941	75.769 ng	99
55) Dibenzofuran	10.08	168	926226	46.398 ng	99
56) 4-Nitrophenol	10.01	139	235126	76.911 ng	97
57) 2,4-Dinitrotoluene	10.07	165	239762	46.626 ng	95
58) Fluorene	10.42	166	752321	48.983 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	214162	51.271 ng	99
60) Diethylphthalate	10.29	149	830791	50.070 ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	378265	48.629 ng	97
62) 4-Nitroaniline	10.45	138	200792	40.713 ng	97
63) Azobenzene	10.57	77	833819	48.857 ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	114934	46.298 ng	90
66) n-Nitrosodiphenylamine	10.53	169	689054	48.870 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	239099	47.679 ng	98
68) Hexachlorobenzene	10.97	284	263227	45.394 ng	100
69) Atrazine	11.06	200	205983	44.407 ng	100
70) Pentachlorophenol	11.17	266	259424	92.149 ng	99
71) Phenanthrene	11.39	178	1156656	48.298 ng	100
72) Anthracene	11.44	178	1197101	49.392 ng	99
73) Carbazole	11.59	167	1136401	51.682 ng	100
74) Di-n-butylphthalate	11.91	149	1342923	52.354 ng	99
75) Fluoranthene	12.57	202	1255124	50.062 ng	99
78) Pyrene	12.80	202	1283933	50.144 ng	99
80) Butylbenzylphthalate	13.41	149	593615	54.807 ng	99
81) Benzo(a)anthracene	13.99	228	1043256	48.053 ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	220283	29.205 ng	98
83) Chrysene	14.03	228	1015081	48.159 ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	830532	59.008 ng	100
85) Di-n-octyl phthalate	14.57	149	1298170	58.068 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	992269	56.051 ng	99
88) Benzo(b)fluoranthene	15.04	252	855853	46.138 ng	99
89) Benzo(k)fluoranthene	15.07	252	935463	51.775 ng	98
90) Benzo(a)pyrene	15.40	252	856547	51.655 ng	98
91) Dibenzo(a,h)anthracene	16.94	278	837012	58.313 ng	98
92) Benzo(g,h,i)perylene	17.39	276	841369	59.686 ng	98

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

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