Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116398.D
Acq On : 19 Aug 2019 20:07
Operator : HP/JU
Sample : K4350-09MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MSD

Manual Integrations APPROVED
mohammad
8/22/2019 12:45:26 PM

Quant Time: Aug 20 02:10:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95632	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	376004	20.00	ng		-0.02
39) Acenaphthene-d10	9.83	164	206723	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	385663	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	334501	20.00	ng		-0.01
87) Perylene-d12	15.42	264	378210	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	781795	136.86	ng		0.00
7) Phenol-d6	6.46	99	922256	127.96	ng		0.00
23) Nitrobenzene-d5	7.37	82	674486	103.55	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	314114	156.72	ng		-0.02
45) 2-Fluorobiphenyl	9.16	172	1203309	109.03	ng		-0.01
79) Terphenyl-d14	12.90	244	1579915	99.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	104627	36.254	ng	#	84
3) Pyridine	3.41	79	190258	23.600	ng		100
4) n-Nitrosodimethylamine	3.29	42	123968	38.966	ng	#	98
6) Aniline	6.48	93	239278	23.182	ng	#	78
8) 2-Chlorophenol	6.60	128	313303	49.597	ng		97
9) Benzaldehyde	6.37	77	101952	20.501	ng		99
10) Phenol	6.47	94	356183	41.966	ng		84
11) bis(2-Chloroethyl)ether	6.54	93	319037	51.127	ng		97
12) 1,3-Dichlorobenzene	6.75	146	322231	44.138	ng		98
13) 1,4-Dichlorobenzene	6.82	146	336713	46.064	ng		98
14) 1,2-Dichlorobenzene	6.97	146	308188	45.788	ng		99
15) Benzyl Alcohol	6.96	79	266762	48.771	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	392692	46.137	ng	#	40
17) 2-Methylphenol	7.07	107	258346	48.299	ng	#	89
18) Hexachloroethane	7.31	117	118348	43.975	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	229968	51.490	ng		99
20) 3+4-Methylphenols	7.23	107	340028	53.719	ng	#	82
22) Acetophenone	7.22	105	451238	54.720	ng	#	93
24) Nitrobenzene	7.39	77	358725	51.002	ng		97
25) Isophorone	7.63	82	658987	52.907	ng		99
26) 2-Nitrophenol	7.71	139	176257	53.162	ng		94
27) 2,4-Dimethylphenol	7.75	122	294861	59.113	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	402275	52.107	ng		99
29) 2,4-Dichlorophenol	7.96	162	287073	54.507	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	291683	48.585	ng		99
31) Naphthalene	8.10	128	929866	52.553	ng		99
32) Benzoic acid	7.91	122	148627	42.263	ng		95
33) 4-Chloroaniline	8.16	127	189139	23.924	ng		98
34) Hexachlorobutadiene	8.22	225	161332	46.654	ng		99
35) Caprolactam	8.54	113	70690m	41.499	ng		
36) 4-Chloro-3-methylphenol	8.66	107	305627	55.781	ng		96
37) 2-Methylnaphthalene	8.80	142	627170	53.820	ng		99
38) 1-Methylnaphthalene	8.89	142	591770	53.679	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	287363	51.997	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	107010	45.861	ng		100
43) 2,4,6-Trichlorophenol	9.08	196	188624	49.586	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	196008	49.847	ng		98
46) 1,1'-Biphenyl	9.26	154	783933	53.714	ng		98
47) 2-Chloronaphthalene	9.29	162	617329	50.821	ng		99
48) 2-Nitroaniline	9.39	65	206890	51.529	ng		98
49) Acenaphthylene	9.70	152	936745	52.860	ng		99
50) Dimethylphthalate	9.56	163	780279	55.435	ng		100
51) 2,6-Dinitrotoluene	9.63	165	168225	54.996	ng	#	90
52) Acenaphthene	9.87	154	573858	52.784	ng		99
53) 3-Nitroaniline	9.80	138	139617	36.940	ng		99
54) 2,4-Dinitrophenol	9.93	184	143872	91.258	ng		96
55) Dibenzofuran	10.05	168	822424	52.018	ng		99
56) 4-Nitrophenol	9.99	139	188277	77.761	ng		97
57) 2,4-Dinitrotoluene	10.05	165	211706	51.983	ng		95
58) Fluorene	10.39	166	687330	56.505	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	182831	55.266	ng		99
60) Diethylphthalate	10.26	149	730607	55.596	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	344458	55.914	ng		98
62) 4-Nitroaniline	10.42	138	193658	49.580	ng		98
63) Azobenzene	10.53	77	750941	55.557	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	115353	56.442	ng		88
66) n-Nitrosodiphenylamine	10.49	169	623737	53.733	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	212761	51.535	ng		96
68) Hexachlorobenzene	10.94	284	233191	48.846	ng		100
69) Atrazine	11.02	200	193621	50.702	ng		99
70) Pentachlorophenol	11.14	266	187100	80.725	ng		98
71) Phenanthrene	11.35	178	1058406	53.683	ng		100
72) Anthracene	11.40	178	1097950	55.026	ng		99
73) Carbazole	11.56	167	1013650	55.995	ng		100
74) Di-n-butylphthalate	11.87	149	1207366	57.173	ng		99
75) Fluoranthene	12.54	202	1180857	57.210	ng		98
77) Benzidine	12.66	184	65575	5.803	ng		98
78) Pyrene	12.77	202	1216997	48.264	ng		100
80) Butylbenzylphthalate	13.37	149	563291	52.811	ng		95
81) Benzo(a)anthracene	13.96	228	1109460	51.892	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	368315	49.586	ng		99
83) Chrysene	13.99	228	1101149	53.050	ng		100
84) Bis(2-ethylhexyl)phthalate	13.93	149	788587	56.894	ng	#	98
85) Di-n-octyl phthalate	14.53	149	1356974	61.637	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	1099176	63.050	ng		99
88) Benzo(b)fluoranthene	15.00	252	1141128	52.181	ng		98
89) Benzo(k)fluoranthene	15.03	252	1027209m	48.225	ng		
90) Benzo(a)pyrene	15.36	252	1048833	53.652	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	926707	54.765	ng		99
92) Benzo(g,h,i)perylene	17.32	276	906788	54.565	ng		96

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

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