Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116745.D
Acq On : 1 Sep 2019 16:26
Operator : HP/JU
Sample : K4525-19MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T9-12-13-C-(0-1.9)MS

Manual Integrations APPROVED
mohammad
9/5/2019 9:54:28 AM

Quant Time: Sep 02 05:52:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133823	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	531263	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	269420	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	425814	20.00	ng		0.00
76) Chrysene-d12	14.00	240	259978	20.00	ng		0.00
87) Perylene-d12	15.45	264	300668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	945505	114.46	ng		0.00
7) Phenol-d6	6.49	99	1310803	120.85	ng		0.00
23) Nitrobenzene-d5	7.41	82	836278	89.86	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	227240	126.17	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1396682	87.45	ng		0.00
79) Terphenyl-d14	12.94	244	1241650	88.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	103962	27.264	ng		99
3) Pyridine	3.36	79	268252	24.297	ng		94
4) n-Nitrosodimethylamine	3.29	42	112709	29.728	ng	#	70
6) Aniline	6.51	93	376816	25.082	ng		98
8) 2-Chlorophenol	6.63	128	321255	35.626	ng		95
9) Benzaldehyde	6.39	77	230128	32.204	ng		97
10) Phenol	6.50	94	445221	37.068	ng		97
11) bis(2-Chloroethyl)ether	6.58	93	316575	33.850	ng		98
12) 1,3-Dichlorobenzene	6.79	146	324925	31.882	ng		96
13) 1,4-Dichlorobenzene	6.87	146	330907	32.613	ng		97
14) 1,2-Dichlorobenzene	7.02	146	309992	32.968	ng		99
15) Benzyl Alcohol	6.99	79	302088	34.310	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	355041	32.357	ng		98
17) 2-Methylphenol	7.10	107	266623	33.776	ng		95
18) Hexachloroethane	7.36	117	117937	29.917	ng		92
19) n-Nitroso-di-n-propylamine	7.26	70	235985	33.042	ng		94
20) 3+4-Methylphenols	7.25	107	328769	35.821	ng	#	82
22) Acetophenone	7.25	105	454599	35.543	ng		97
24) Nitrobenzene	7.43	77	356638	37.681	ng		95
25) Isophorone	7.66	82	658251	34.907	ng		99
26) 2-Nitrophenol	7.75	139	104610	29.729	ng	#	86
27) 2,4-Dimethylphenol	7.78	122	282213	39.711	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	404539	35.105	ng		99
29) 2,4-Dichlorophenol	7.99	162	256855	37.609	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	260364	35.148	ng		98
31) Naphthalene	8.15	128	927121	36.700	ng		99
32) Benzoic acid	7.87	122	14146m	3.525	ng		
33) 4-Chloroaniline	8.19	127	275622	23.969	ng		98
34) Hexachlorobutadiene	8.27	225	135234	33.482	ng		98
35) Caprolactam	8.56	113	88174	34.498	ng		87
36) 4-Chloro-3-methylphenol	8.68	107	292140	37.218	ng		93
37) 2-Methylnaphthalene	8.85	142	622833	37.055	ng		94
38) 1-Methylnaphthalene	8.94	142	585369	36.893	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	236513	36.620	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	90239	24.196	ng		94
43) 2,4,6-Trichlorophenol	9.12	196	159254	35.971	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	158989	34.591	ng		93
46) 1,1'-Biphenyl	9.30	154	737524	36.076	ng		97
47) 2-Chloronaphthalene	9.33	162	576385	35.596	ng		99
48) 2-Nitroaniline	9.42	65	199819	42.685	ng		96
49) Acenaphthylene	9.75	152	917835	37.498	ng		99
50) Dimethylphthalate	9.60	163	785860	42.249	ng		98
51) 2,6-Dinitrotoluene	9.66	165	153239	43.180	ng		87
52) Acenaphthene	9.92	154	541841	36.028	ng		97
53) 3-Nitroaniline	9.83	138	179389	40.335	ng		92
54) 2,4-Dinitrophenol	9.93	184	731	9.555	ng	#	26
55) Dibenzofuran	10.09	168	815364	38.458	ng		99
56) 4-Nitrophenol	9.99	139	189213	62.047	ng		86
57) 2,4-Dinitrotoluene	10.06	165	196714	45.332	ng		97
58) Fluorene	10.43	166	629498	38.967	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	110636	33.352	ng		99
60) Diethylphthalate	10.30	149	709456	38.077	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	267326	37.790	ng		95
62) 4-Nitroaniline	10.44	138	193888	44.922	ng		92
63) Azobenzene	10.58	77	738807	38.027	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	1696	8.365	ng		74
66) n-Nitrosodiphenylamine	10.54	169	588560	39.956	ng		96
67) 4-Bromophenyl-phenylether	10.91	248	164546	38.039	ng		96
68) Hexachlorobenzene	10.98	284	166689	36.831	ng		98
69) Atrazine	11.06	200	157753	38.238	ng		98
70) Pentachlorophenol	11.17	266	104870	47.900	ng		99
71) Phenanthrene	11.39	178	1056585	44.575	ng		100
72) Anthracene	11.44	178	943161	39.527	ng		99
73) Carbazole	11.59	167	865689	38.087	ng		99
74) Di-n-butylphthalate	11.92	149	1112840	38.192	ng		99
75) Fluoranthene	12.57	202	1024875	43.996	ng		97
77) Benzidine	12.69	184	277995	27.262	ng		99
78) Pyrene	12.80	202	974686	42.175	ng		97
80) Butylbenzylphthalate	13.42	149	417252	37.127	ng		100
81) Benzo(a)anthracene	13.99	228	686856	41.744	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	199244	35.832	ng		99
83) Chrysene	14.02	228	694742	40.984	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	568162	40.954	ng		99
85) Di-n-octyl phthalate	14.59	149	977551	43.059	ng		96
86) Indeno(1,2,3-cd)pyrene	16.90	276	607685	44.631	ng	#	94
88) Benzo(b)fluoranthene	15.03	252	706770	38.881	ng	#	97
89) Benzo(k)fluoranthene	15.06	252	646918	39.032	ng		98
90) Benzo(a)pyrene	15.39	252	663681	41.965	ng		98
91) Dibenzo(a,h)anthracene	16.91	278	494723	35.738	ng	#	94
92) Benzo(g,h,i)perylene	17.33	276	474474	33.608	ng	#	92

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

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