Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
Data File : BF116633.D
Acq On : 28 Aug 2019 23:40
Operator : HP/JU
Sample : K4573-12MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S702A-N-0.0-0.5-082719MSD

Manual Integrations APPROVED
Jagrut
8/29/2019 7:47:20 PM

Quant Time: Aug 29 04:05:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 13:34:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	84641	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	406976	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	107004	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	187872	20.00	ng	0.00
76) Chrysene-d12	14.02	240	106832	20.00	ng	0.00
87) Perylene-d12	15.47	264	121549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	836684	170.74	ng	0.00
7) Phenol-d6	6.50	99	985761	148.38	ng	0.01
23) Nitrobenzene-d5	7.43	82	552538	77.69	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	164193	161.25	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	706356	109.86	ng	0.00
79) Terphenyl-d14	12.96	244	671960	102.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	98276	43.111	ng	98
3) Pyridine	3.41	79	240191	37.778	ng	99
4) n-Nitrosodimethylamine	3.33	42	131249	53.781	ng	99
6) Aniline	6.53	93	208316	23.276	ng	98
8) 2-Chlorophenol	6.66	128	253479	45.901	ng	95
9) Benzaldehyde	6.41	77	194141	53.044	ng	94
10) Phenol	6.52	94	378488	51.937	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	214901	39.679	ng	99
12) 1,3-Dichlorobenzene	6.81	146	263482	40.278	ng	98
13) 1,4-Dichlorobenzene	6.89	146	271423	41.525	ng	98
14) 1,2-Dichlorobenzene	7.04	146	262301	42.463	ng	100
15) Benzyl Alcohol	7.00	79	269516	52.147	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	295142	40.178	ng	100
17) 2-Methylphenol	7.12	107	221596	44.813	ng	97
18) Hexachloroethane	7.38	117	81700	33.852	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	171787	40.660	ng	99
20) 3+4-Methylphenols	7.27	107	264482	44.028	ng	95
22) Acetophenone	7.27	105	351922	36.817	ng	99
24) Nitrobenzene	7.45	77	295802	41.014	ng	97
25) Isophorone	7.69	82	643979	49.736	ng	100
26) 2-Nitrophenol	7.76	139	177051	51.080	ng	99
27) 2,4-Dimethylphenol	7.80	122	292578	53.906	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	382180	45.442	ng	99
29) 2,4-Dichlorophenol	8.00	162	274048	48.311	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	287369	44.098	ng	99
31) Naphthalene	8.17	128	929281	47.668	ng	99
32) Benzoic acid	7.91	122	210666	45.419	ng	98
33) 4-Chloroaniline	8.22	127	241056	28.055	ng	97
34) Hexachlorobutadiene	8.29	225	154639	42.592	ng	98
35) Caprolactam	8.58	113	71239m	42.058	ng	
36) 4-Chloro-3-methylphenol	8.69	107	255224	44.665	ng	97
37) 2-Methylnaphthalene	8.86	142	438126	35.986	ng	95
38) 1-Methylnaphthalene	8.96	142	297256m	25.000	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	137598	46.869	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	95683	56.283	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	97657	47.364	ng		96
44) 2,4,5-Trichlorophenol	9.17	196	105344	50.799	ng		95
46) 1,1'-Biphenyl	9.32	154	398429	49.051	ng		100
47) 2-Chloronaphthalene	9.35	162	304154	48.033	ng		96
48) 2-Nitroaniline	9.43	65	101755	50.809	ng		86
49) Acenaphthylene	9.76	152	481074	51.725	ng		99
50) Dimethylphthalate	9.62	163	407668	56.670	ng		100
51) 2,6-Dinitrotoluene	9.68	165	81042	51.088	ng		95
52) Acenaphthene	9.93	154	333166	52.905	ng		96
53) 3-Nitroaniline	9.85	138	68446	36.136	ng		98
54) 2,4-Dinitrophenol	9.95	184	69552	88.486	ng	#	41
55) Dibenzofuran	10.10	168	431243	50.852	ng		96
56) 4-Nitrophenol	10.01	139	144832	100.583	ng		88
57) 2,4-Dinitrotoluene	10.08	165	110189	52.643	ng		90
58) Fluorene	10.45	166	341950	53.130	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	86252m	50.530	ng		
60) Diethylphthalate	10.32	149	357925	50.973	ng		98
61) 4-Chlorophenyl-phenylether	10.44	204	159702	49.497	ng		95
62) 4-Nitroaniline	10.46	138	86296	46.827	ng		89
63) Azobenzene	10.60	77	358166	50.528	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	49232	49.122	ng		86
66) n-Nitrosodiphenylamine	10.56	169	295753	49.731	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	94516	47.429	ng		95
68) Hexachlorobenzene	11.00	284	101435	45.720	ng		96
69) Atrazine	11.08	200	85161	48.361	ng		97
70) Pentachlorophenol	11.19	266	128045	93.930	ng		99
71) Phenanthrene	11.41	178	547757	54.282	ng		100
72) Anthracene	11.46	178	522205	51.755	ng		99
73) Carbazole	11.61	167	438134	51.020	ng		99
74) Di-n-butylphthalate	11.94	149	561392	56.412	ng		99
75) Fluoranthene	12.59	202	543065	60.006	ng		99
77) Benzidine	12.71	184	1466	0.379	ng	#	37
78) Pyrene	12.82	202	525504	53.494	ng		98
80) Butylbenzylphthalate	13.43	149	202840	53.293	ng		99
81) Benzo(a)anthracene	14.00	228	374034	52.514	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	62579	27.000	ng		98
83) Chrysene	14.04	228	368683	52.875	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	269979	60.487	ng		99
85) Di-n-octyl phthalate	14.60	149	411663	63.234	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	317112	50.934	ng		97
88) Benzo(b)fluoranthene	15.05	252	403481	54.055	ng		97
89) Benzo(k)fluoranthene	15.08	252	364293	51.344	ng		99
90) Benzo(a)pyrene	15.41	252	364493	54.714	ng		98
91) Dibenzo(a,h)anthracene	16.94	278	260686	41.938	ng		96
92) Benzo(g,h,i)perylene	17.37	276	322665	49.921	ng		96

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

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