Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001178.D
Acq On : 04 Dec 2019 02:36
Operator : JU
Sample : K6012-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 211MSD

Manual Integrations APPROVED
mohammad
12/4/2019 5:01:01 PM

Quant Time: Dec 04 07:00:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	108452	20.00	ng		-0.01
21) Naphthalene-d8	10.35	136	399751	20.00	ng		-0.01
39) Acenaphthene-d10	13.22	164	222061	20.00	ng		-0.02
64) Phenanthrene-d10	15.61	188	425488	20.00	ng		-0.02
76) Chrysene-d12	19.26	240	322233	20.00	ng		-0.02
87) Perylene-d12	21.02	264	341985	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	855762	130.91	ng		0.00
7) Phenol-d6	7.77	99	1184728	136.04	ng		0.00
23) Nitrobenzene-d5	9.20	82	783950	85.08	ng		-0.01
42) 2,4,6-Tribromophenol	14.51	330	293916	138.09	ng		-0.01
45) 2-Fluorobiphenyl	12.13	172	1255126	82.72	ng		-0.02
79) Terphenyl-d14	17.89	244	1428352	82.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	117535	38.494	ng		94
3) Pyridine	3.46	79	306660	36.194	ng		92
4) n-Nitrosodimethylamine	3.37	42	191803	52.315	ng	#	78
6) Aniline	7.79	93	288541	24.989	ng	#	1
8) 2-Chlorophenol	7.98	128	318985	47.164	ng		98
9) Benzaldehyde	7.61	77	154622	28.167	ng		99
10) Phenol	7.79	94	466322	47.075	ng		93
11) bis(2-Chloroethyl)ether	7.92	93	339636	44.030	ng		99
12) 1,3-Dichlorobenzene	8.22	146	347276	43.321	ng		96
13) 1,4-Dichlorobenzene	8.34	146	357183	44.231	ng		99
14) 1,2-Dichlorobenzene	8.58	146	333197	43.842	ng		99
15) Benzyl Alcohol	8.55	79	353429	49.439	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	516580	41.655	ng		99
17) 2-Methylphenol	8.74	107	280369	45.192	ng		95
18) Hexachloroethane	9.12	117	146965	43.994	ng		99
19) n-Nitroso-di-n-propylamine	8.99	70	272858	43.421	ng		95
20) 3+4-Methylphenols	8.98	107	364970	46.669	ng		97
22) Acetophenone	8.96	105	525087	44.691	ng	#	96
24) Nitrobenzene	9.23	77	425635	46.456	ng		98
25) Isophorone	9.62	82	735348	44.506	ng		99
26) 2-Nitrophenol	9.74	139	161988	48.269	ng		91
27) 2,4-Dimethylphenol	9.83	122	283741	53.377	ng		95
28) bis(2-Chloroethoxy)methane	9.99	93	425609	41.057	ng		99
29) 2,4-Dichlorophenol	10.13	162	283165	46.803	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	311440	44.072	ng		98
31) Naphthalene	10.39	128	923005	45.209	ng		99
32) Benzoic acid	10.02	122	194675	50.656	ng		95
33) 4-Chloroaniline	10.48	127	96511	10.893	ng		97
34) Hexachlorobutadiene	10.61	225	194708	43.800	ng		99
35) Caprolactam	11.06	113	92493m	44.357	ng		
36) 4-Chloro-3-methylphenol	11.29	107	336536	46.915	ng		98
37) 2-Methylnaphthalene	11.52	142	623373	44.747	ng		98
38) 1-Methylnaphthalene	11.68	142	583397	44.331	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	308428	44.073	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	333346	103.253	ng		98
43) 2,4,6-Trichlorophenol	11.98	196	208515	45.634	ng		99
44) 2,4,5-Trichlorophenol	12.04	196	222908	47.083	ng		96
46) 1,1'-Biphenyl	12.29	154	767265	44.708	ng		99
47) 2-Chloronaphthalene	12.30	162	603265	44.007	ng		97
48) 2-Nitroaniline	12.48	65	240422	44.750	ng		99
49) Acenaphthylene	12.98	152	970094	47.211	ng		100
50) Dimethylphthalate	12.81	163	864875	52.076	ng		100
51) 2,6-Dinitrotoluene	12.89	165	161617	45.459	ng		96
52) Acenaphthene	13.27	154	549862	44.486	ng		98
53) 3-Nitroaniline	13.15	138	78352	19.619	ng		99
54) 2,4-Dinitrophenol	13.33	184	109800	76.001	ng		86
55) Dibenzofuran	13.56	168	855432	46.056	ng		98
56) 4-Nitrophenol	13.45	139	272009	96.118	ng		82
57) 2,4-Dinitrotoluene	13.55	165	213022	47.803	ng	#	85
58) Fluorene	14.12	166	681861	45.814	ng		97
59) 2,3,4,6-Tetrachlorophenol	13.76	232	181129m	46.542	ng		
60) Diethylphthalate	13.98	149	731482	42.537	ng		100
61) 4-Chlorophenyl-phenylether	14.13	204	336842	44.445	ng		99
62) 4-Nitroaniline	12.48	138	198830	42.942	ng		94
63) Azobenzene	14.39	77	838177	45.092	ng		96
65) 4,6-Dinitro-2-methylphenol	14.21	198	80349	44.550	ng		98
66) n-Nitrosodiphenylamine	14.33	169	588279	45.504	ng		99
67) 4-Bromophenyl-phenylether	14.93	248	197484	42.751	ng		97
68) Hexachlorobenzene	15.01	284	218395	43.004	ng		95
69) Atrazine	15.22	200	185574	47.012	ng		96
70) Pentachlorophenol	15.33	266	257376	97.237	ng		96
71) Phenanthrene	15.65	178	1014145	45.336	ng		99
72) Anthracene	15.73	178	1039119	47.129	ng		100
73) Carbazole	15.97	167	938081	46.757	ng		99
74) Di-n-butylphthalate	16.53	149	1161803	43.069	ng		99
75) Fluoranthene	17.36	202	1111364	46.930	ng		99
77) Benzidine	17.55	184	329900	39.652	ng		97
78) Pyrene	17.66	202	1135422	44.737	ng		100
80) Butylbenzylphthalate	18.55	149	496916	42.390	ng		97
81) Benzo(a)anthracene	19.24	228	986799	44.169	ng		100
82) 3,3'-Dichlorobenzidine	19.21	252	252805	34.252	ng		98
83) Chrysene	19.29	228	922908	46.131	ng		99
84) Bis(2-ethylhexyl)phthalate	19.29	149	655089	40.646	ng		100
85) Di-n-octyl phthalate	20.07	149	1157598	40.433	ng		98
86) Indeno(1,2,3-cd)pyrene	22.67	276	1028611	43.626	ng		97
88) Benzo(b)fluoranthene	20.54	252	941345	45.065	ng		99
89) Benzo(k)fluoranthene	20.57	252	904547	44.961	ng		99
90) Benzo(a)pyrene	20.96	252	893827	46.456	ng		99
91) Dibenzo(a,h)anthracene	22.70	278	856204	45.473	ng		97
92) Benzo(g,h,i)perylene	23.17	276	859294	46.218	ng		97

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

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