Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001074.D
Acq On : 19 Nov 2019 03:12
Operator : JU
Sample : K5865-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 19 05:42:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
4-(10-12)MSD

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	174018	20.00	ng		-0.01
21) Naphthalene-d8	10.39	136	643519	20.00	ng		-0.01
39) Acenaphthene-d10	13.26	164	394987	20.00	ng		-0.01
64) Phenanthrene-d10	15.65	188	809983	20.00	ng		0.00
76) Chrysene-d12	19.29	240	610110	20.00	ng		0.00
87) Perylene-d12	21.07	264	635389	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	777624	81.34	ng		0.00
7) Phenol-d6	7.82	99	1030917	85.27	ng		0.00
23) Nitrobenzene-d5	9.24	82	640240	55.03	ng		-0.02
42) 2,4,6-Tribromophenol	14.55	330	480163	101.83	ng		0.00
45) 2-Fluorobiphenyl	12.17	172	1476667	56.31	ng		-0.01
79) Terphenyl-d14	17.93	244	1971085	64.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	128391	30.887	ng		95
3) Pyridine	3.72	79	329929	30.020	ng		97
4) n-Nitrosodimethylamine	3.64	42	161459	42.152	ng	#	78
6) Aniline	7.85	93	414620	26.259	ng	#	88
8) 2-Chlorophenol	8.03	128	451446	44.529	ng		97
9) Benzaldehyde	7.66	77	211490	25.072	ng		99
10) Phenol	7.83	94	603007	45.601	ng		78
11) bis(2-Chloroethyl)ether	7.97	93	389517	37.838	ng		98
12) 1,3-Dichlorobenzene	8.28	146	507494	39.900	ng		99
13) 1,4-Dichlorobenzene	8.39	146	521970	40.741	ng		99
14) 1,2-Dichlorobenzene	8.63	146	493206	41.628	ng		99
15) Benzyl Alcohol	8.59	79	418017	45.373	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.82	45	343594	31.960	ng		95
17) 2-Methylphenol	8.78	107	370873	43.087	ng		95
18) Hexachloroethane	9.16	117	197448	41.957	ng		96
19) n-Nitroso-di-n-propylamine	9.03	70	300176	41.349	ng		96
20) 3+4-Methylphenols	9.03	107	486392	45.548	ng		93
22) Acetophenone	9.01	105	675528	40.647	ng	#	99
24) Nitrobenzene	9.27	77	476760	40.842	ng		99
25) Isophorone	9.67	82	860164	40.171	ng	#	97
26) 2-Nitrophenol	9.78	139	236940	54.317	ng	#	93
27) 2,4-Dimethylphenol	9.87	122	399739	48.936	ng		98
28) bis(2-Chloroethoxy)methane	10.03	93	509349	36.382	ng		99
29) 2,4-Dichlorophenol	10.17	162	433301	43.947	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	487592	40.256	ng		99
31) Naphthalene	10.43	128	1333158	41.465	ng		100
32) Benzoic acid	10.06	122	246472	49.645	ng		99
33) 4-Chloroaniline	10.52	127	157698	11.438	ng		98
34) Hexachlorobutadiene	10.65	225	341515	42.676	ng		98
35) Caprolactam	11.10	113	126581m	40.676	ng		
36) 4-Chloro-3-methylphenol	11.33	107	476457	46.538	ng		95
37) 2-Methylnaphthalene	11.56	142	969408	43.078	ng		98
38) 1-Methylnaphthalene	11.72	142	913311	42.952	ng		97
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	539509	41.021	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	726846	110.317	ng		99
43) 2,4,6-Trichlorophenol	12.02	196	351612	44.340	ng		96
44) 2,4,5-Trichlorophenol	12.08	196	386677	45.607	ng		96
46) 1,1'-Biphenyl	12.33	154	1229062	41.615	ng		98
47) 2-Chloronaphthalene	12.35	162	959726	40.366	ng		96
48) 2-Nitroaniline	12.52	65	262670	42.208	ng		97
49) Acenaphthylene	13.03	152	1519019	42.026	ng		99
50) Dimethylphthalate	12.86	163	1415259	48.456	ng		100
51) 2,6-Dinitrotoluene	12.93	165	265967	43.656	ng		91
52) Acenaphthene	13.31	154	877651	40.597	ng		97
53) 3-Nitroaniline	13.19	138	119585	17.996	ng		99
54) 2,4-Dinitrophenol	13.37	184	204384	105.821	ng	#	80
55) Dibenzofuran	13.60	168	1413273	41.854	ng		94
56) 4-Nitrophenol	13.49	139	413032	89.382	ng	#	87
57) 2,4-Dinitrotoluene	13.59	165	359542	46.984	ng	#	94
58) Fluorene	14.16	166	1120679	41.702	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	345145	47.878	ng	#	93
60) Diethylphthalate	14.02	149	1240855	42.296	ng		98
61) 4-Chlorophenyl-phenylether	14.17	204	608966	42.858	ng		93
62) 4-Nitroaniline	12.52	138	299769	42.074	ng		97
63) Azobenzene	14.44	77	1014711	39.519	ng		96
65) 4,6-Dinitro-2-methylphenol	14.26	198	153932	57.885	ng		92
66) n-Nitrosodiphenylamine	14.37	169	987324	42.395	ng		97
67) 4-Bromophenyl-phenylether	14.97	248	397633	41.702	ng		97
68) Hexachlorobenzene	15.06	284	468538	42.402	ng		99
69) Atrazine	15.26	200	385022	45.405	ng		98
70) Pentachlorophenol	15.37	266	534896	108.747	ng		98
71) Phenanthrene	15.69	178	1706866	41.173	ng		100
72) Anthracene	15.77	178	1767382	43.703	ng		100
73) Carbazole	16.01	167	1507576	40.661	ng		98
74) Di-n-butylphthalate	16.56	149	1976892	44.179	ng		99
75) Fluoranthene	17.40	202	1895432	40.451	ng		98
77) Benzidine	17.59	184	925687	41.200	ng		98
78) Pyrene	17.70	202	1889237	43.817	ng		100
80) Butylbenzylphthalate	18.58	149	770769	45.146	ng		99
81) Benzo(a)anthracene	19.28	228	1655536	40.290	ng		99
82) 3,3'-Dichlorobenzidine	19.25	252	359851	24.019	ng		99
83) Chrysene	19.33	228	1486249	41.199	ng		99
84) Bis(2-ethylhexyl)phthalate	19.33	149	1027976	47.356	ng		99
85) Di-n-octyl phthalate	20.11	149	1682393	43.051	ng		99
86) Indeno(1,2,3-cd)pyrene	22.74	276	1765368	35.765	ng	#	95
88) Benzo(b)fluoranthene	20.58	252	1563635m	41.284	ng		
89) Benzo(k)fluoranthene	20.62	252	1477978	41.455	ng		98
90) Benzo(a)pyrene	21.00	252	1374019	39.453	ng		98
91) Dibenzo(a,h)anthracene	22.77	278	1476852	41.549	ng	#	97
92) Benzo(g,h,i)perylene	23.24	276	1458849	40.760	ng	#	95

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

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