Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
Data File : BP001595.D
Acq On : 14 Jan 2020 19:32
Operator : JU
Sample : L1014-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-03-011020MS

Manual Integrations APPROVED
mohammad
1/16/2020 1:45:52 PM

Quant Time: Jan 14 22:06:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	27416	20.00	ng		0.00
21) Naphthalene-d8	10.41	136	97785	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	68600	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	164541	20.00	ng		0.00
76) Chrysene-d12	21.15	240	147098	20.00	ng		0.00
87) Perylene-d12	23.39	264	150542	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	197090	140.82	ng		0.00
7) Phenol-d6	6.84	99	247454	110.63	ng		0.00
23) Nitrobenzene-d5	8.79	82	213498	95.41	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	139372	133.47	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	489079	104.82	ng		0.00
79) Terphenyl-d14	19.63	244	843785	104.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	23854	53.406	ng	#	2
3) Pyridine	3.63	79	53305	33.027	ng		93
4) n-Nitrosodimethylamine	3.53	42	63948	55.903	ng		96
6) Aniline	6.98	93	44801	16.019	ng		98
8) 2-Chlorophenol	7.22	128	74992	45.896	ng		99
9) Benzaldehyde	6.79	77	45773	34.260	ng		97
10) Phenol	6.86	94	84864	36.677	ng		96
11) bis(2-Chloroethyl)ether	7.08	93	81573	44.951	ng		98
12) 1,3-Dichlorobenzene	7.53	146	92403	44.990	ng		96
13) 1,4-Dichlorobenzene	7.68	146	94895	44.682	ng		97
14) 1,2-Dichlorobenzene	7.99	146	88157	42.953	ng		94
15) Benzyl Alcohol	7.88	79	81397	38.642	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	147590	43.779	ng		100
17) 2-Methylphenol	8.09	107	64880	40.386	ng		99
18) Hexachloroethane	8.71	117	38861	46.872	ng		97
19) n-Nitroso-di-n-propylamine	8.45	70	70009	41.054	ng		93
20) 3+4-Methylphenols	8.42	107	86515	38.500	ng		96
22) Acetophenone	8.46	105	127620	46.557	ng	#	96
24) Nitrobenzene	8.83	77	109200	48.236	ng		96
25) Isophorone	9.36	82	185171	46.144	ng		99
26) 2-Nitrophenol	9.53	139	41413	48.405	ng		99
27) 2,4-Dimethylphenol	9.62	122	69907	54.693	ng		94
28) bis(2-Chloroethoxy)methane	9.84	93	106619	45.354	ng		97
29) 2,4-Dichlorophenol	10.08	162	79803	45.613	ng		95
30) 1,2,4-Trichlorobenzene	10.28	180	100092	47.391	ng		99
31) Naphthalene	10.46	128	255434	49.495	ng		98
32) Benzoic acid	9.76	122	24166m	23.653	ng		
33) 4-Chloroaniline	10.59	127	9532	4.011	ng		97
34) Hexachlorobutadiene	10.76	225	73378	49.079	ng		97
35) Caprolactam	11.35	113	17839m	28.079	ng		
36) 4-Chloro-3-methylphenol	11.73	107	85241	40.597	ng		98
37) 2-Methylnaphthalene	12.09	142	186720	45.398	ng		97
38) 1-Methylnaphthalene	12.30	142	176424	44.575	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	123725	52.650	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	171480	143.858	ng		99
43) 2,4,6-Trichlorophenol	12.71	196	75883	50.069	ng		96
44) 2,4,5-Trichlorophenol	12.78	196	81091	50.351	ng		95
46) 1,1'-Biphenyl	13.12	154	250893	51.039	ng		100
47) 2-Chloronaphthalene	13.15	162	204009	49.934	ng		99
48) 2-Nitroaniline	13.36	65	71744	44.696	ng		96
49) Acenaphthylene	14.00	152	319559	50.716	ng		100
50) Dimethylphthalate	13.76	163	254301	45.007	ng		98
51) 2,6-Dinitrotoluene	13.86	165	56881	47.473	ng		94
52) Acenaphthene	14.35	154	187525	48.054	ng		99
53) 3-Nitroaniline	14.19	138	20775	16.422	ng		92
54) 2,4-Dinitrophenol	14.40	184	55379	82.201	ng		92
55) Dibenzofuran	14.69	168	320869	48.624	ng		98
56) 4-Nitrophenol	14.53	139	72938	72.201	ng		93
57) 2,4-Dinitrotoluene	14.66	165	78581	44.822	ng		98
58) Fluorene	15.35	166	259265	48.553	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	77671	46.705	ng		99
60) Diethylphthalate	15.14	149	255069	43.891	ng		98
61) 4-Chlorophenyl-phenylether	15.35	204	148377	48.551	ng		98
62) 4-Nitroaniline	15.37	138	46383	32.158	ng		97
63) Azobenzene	15.64	77	291918	50.273	ng		95
65) 4,6-Dinitro-2-methylphenol	15.43	198	42344	47.599	ng		91
66) n-Nitrosodiphenylamine	15.56	169	223142	51.190	ng		99
67) 4-Bromophenyl-phenylether	16.25	248	93870	50.570	ng		97
68) Hexachlorobenzene	16.36	284	102274	47.423	ng		98
69) Atrazine	16.53	200	92343	57.681	ng		99
70) Pentachlorophenol	16.70	266	117948	99.031	ng		96
71) Phenanthrene	17.09	178	434949	48.607	ng		100
72) Anthracene	17.18	178	440858	50.609	ng		99
73) Carbazole	17.46	167	367044	44.880	ng		99
74) Di-n-butylphthalate	18.04	149	447245	46.223	ng		99
75) Fluoranthene	19.07	202	540407	45.897	ng		100
77) Benzidine	19.26	184	117781	35.067	ng		99
78) Pyrene	19.42	202	544320	50.374	ng		99
80) Butylbenzylphthalate	20.33	149	194123	47.268	ng		98
81) Benzo(a)anthracene	21.14	228	495058	48.324	ng		99
82) 3,3'-Dichlorobenzidine	21.07	252	85719	22.314	ng		98
83) Chrysene	21.19	228	486141	48.694	ng		99
84) Bis(2-ethylhexyl)phthalate	21.10	149	280097	49.751	ng		99
85) Di-n-octyl phthalate	21.97	149	452499	50.407	ng		97
86) Indeno(1,2,3-cd)pyrene	25.65	276	518231	44.344	ng		97
88) Benzo(b)fluoranthene	22.72	252	475785	50.154	ng		99
89) Benzo(k)fluoranthene	22.76	252	475703	51.431	ng		98
90) Benzo(a)pyrene	23.29	252	429670	47.704	ng		99
91) Dibenzo(a,h)anthracene	25.66	278	436659	46.987	ng	#	97
92) Benzo(g,h,i)perylene	26.33	276	446662	48.348	ng		98

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

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