Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001585.D
Acq On : 09 Jan 2020 18:31
Operator : JU
Sample : L1060-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
mohammad
1/10/2020 1:07:48 PM

Quant Time: Jan 10 10:08:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	44836	20.00	ng		-0.01
21) Naphthalene-d8	10.43	136	164304	20.00	ng		-0.01
39) Acenaphthene-d10	14.30	164	113748	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	261211	20.00	ng		-0.01
76) Chrysene-d12	21.17	240	161886	20.00	ng		0.00
87) Perylene-d12	23.45	264	170174	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	272293	118.97	ng		0.00
7) Phenol-d6	6.86	99	405645	110.89	ng		0.00
23) Nitrobenzene-d5	8.80	82	282450	75.12	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	183835	106.17	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	577905	74.70	ng		-0.01
79) Terphenyl-d14	19.65	244	729638	82.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	26938	36.878	ng		99
3) Pyridine	3.63	79	74849	28.357	ng		95
4) n-Nitrosodimethylamine	3.55	42	77853	41.616	ng	#	99
6) Aniline	6.99	93	77964	17.046	ng		99
8) 2-Chlorophenol	7.23	128	109996	41.164	ng		97
9) Benzaldehyde	6.80	77	73855	33.802	ng		97
10) Phenol	6.88	94	159000	42.019	ng		97
11) bis(2-Chloroethyl)ether	7.09	93	110738	37.314	ng		98
12) 1,3-Dichlorobenzene	7.55	146	127128	37.848	ng		97
13) 1,4-Dichlorobenzene	7.69	146	129908	37.403	ng		98
14) 1,2-Dichlorobenzene	8.00	146	124960	37.230	ng		95
15) Benzyl Alcohol	7.90	79	124534	36.150	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.19	45	199775	36.235	ng		99
17) 2-Methylphenol	8.11	107	99767	37.974	ng		99
18) Hexachloroethane	8.73	117	49593	36.576	ng		94
19) n-Nitroso-di-n-propylamine	8.47	70	98418	35.290	ng		96
20) 3+4-Methylphenols	8.44	107	134261	36.534	ng		99
22) Acetophenone	8.48	105	178529	38.762	ng	#	98
24) Nitrobenzene	8.85	77	154826	40.702	ng		96
25) Isophorone	9.38	82	264038	39.159	ng		99
26) 2-Nitrophenol	9.55	139	62091	43.192	ng		94
27) 2,4-Dimethylphenol	9.63	122	103103	48.008	ng		96
28) bis(2-Chloroethoxy)methane	9.86	93	146496	37.088	ng		98
29) 2,4-Dichlorophenol	10.09	162	118940	40.460	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	138833	39.121	ng		98
31) Naphthalene	10.48	128	346678	39.979	ng		99
32) Benzoic acid	9.80	122	73084	38.811	ng		96
33) 4-Chloroaniline	10.59	127	20659	5.174	ng		95
34) Hexachlorobutadiene	10.78	225	99670	39.675	ng		97
35) Caprolactam	11.39	113	36079m	33.798	ng		
36) 4-Chloro-3-methylphenol	11.75	107	129676	36.756	ng		98
37) 2-Methylnaphthalene	12.10	142	261089	37.780	ng		94
38) 1-Methylnaphthalene	12.32	142	248035	37.297	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	169963	43.619	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	108536	54.913	ng		94
43) 2,4,6-Trichlorophenol	12.72	196	110864	44.116	ng		99
44) 2,4,5-Trichlorophenol	12.80	196	120729	45.209	ng		97
46) 1,1'-Biphenyl	13.13	154	349944	42.933	ng		100
47) 2-Chloronaphthalene	13.16	162	279323	41.232	ng		98
48) 2-Nitroaniline	13.37	65	104227	39.160	ng		96
49) Acenaphthylene	14.02	152	439002	42.019	ng		99
50) Dimethylphthalate	13.77	163	400948	42.796	ng		100
51) 2,6-Dinitrotoluene	13.88	165	75894	38.200	ng		98
52) Acenaphthene	14.36	154	260480	40.256	ng		99
53) 3-Nitroaniline	14.20	138	24708	11.779	ng		97
54) 2,4-Dinitrophenol	14.42	184	64317	57.576	ng		88
55) Dibenzofuran	14.70	168	438258	40.053	ng		100
56) 4-Nitrophenol	14.55	139	131214	78.334	ng		91
57) 2,4-Dinitrotoluene	14.67	165	108518	37.330	ng	#	99
58) Fluorene	15.36	166	345072	38.973	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.94	232	110941	40.232	ng		99
60) Diethylphthalate	15.15	149	351907	36.520	ng		98
61) 4-Chlorophenyl-phenylether	15.36	204	195654	38.610	ng		94
62) 4-Nitroaniline	15.38	138	61183	25.583	ng		98
63) Azobenzene	15.65	77	384846	39.970	ng		97
65) 4,6-Dinitro-2-methylphenol	15.45	198	50486	35.749	ng		100
66) n-Nitrosodiphenylamine	15.57	169	307267	44.402	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	126736	43.008	ng		97
68) Hexachlorobenzene	16.37	284	136752	39.943	ng		97
69) Atrazine	16.55	200	124940	49.160	ng		98
70) Pentachlorophenol	16.72	266	168905	89.332	ng		99
71) Phenanthrene	17.10	178	673261	47.395	ng		99
72) Anthracene	17.19	178	608312	43.988	ng		98
73) Carbazole	17.47	167	485937	37.428	ng		99
74) Di-n-butylphthalate	18.05	149	575152	37.443	ng		99
75) Fluoranthene	19.09	202	780164	41.738	ng		99
77) Benzidine	19.27	184	241808	65.417	ng		99
78) Pyrene	19.44	202	727287	61.158	ng		99
80) Butylbenzylphthalate	20.33	149	208506	46.132	ng		99
81) Benzo(a)anthracene	21.16	228	529689	46.982	ng		99
82) 3,3'-Dichlorobenzidine	21.10	252	134527	31.820	ng		98
83) Chrysene	21.20	228	494769	45.031	ng		98
84) Bis(2-ethylhexyl)phthalate	21.11	149	284330	45.890	ng		99
85) Di-n-octyl phthalate	21.99	149	413955	41.901	ng		97
86) Indeno(1,2,3-cd)pyrene	25.81	276	525250	40.839	ng		100
88) Benzo(b)fluoranthene	22.77	252	507094	47.288	ng		98
89) Benzo(k)fluoranthene	22.80	252	438023m	41.894	ng		
90) Benzo(a)pyrene	23.36	252	443904	43.598	ng		100
91) Dibenzo(a,h)anthracene	25.82	278	430543	40.984	ng	#	98
92) Benzo(g,h,i)perylene	26.55	276	441119	42.239	ng		98

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

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