Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001586.D
Acq On : 09 Jan 2020 19:05
Operator : JU
Sample : L1060-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
mohammad
1/10/2020 1:07:51 PM

Quant Time: Jan 10 06:22:20 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	43901	20.00	ng		-0.01
21) Naphthalene-d8	10.43	136	161770	20.00	ng		-0.01
39) Acenaphthene-d10	14.30	164	111441	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	236287	20.00	ng		-0.01
76) Chrysene-d12	21.17	240	163086	20.00	ng		0.00
87) Perylene-d12	23.46	264	173073	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	233510	104.19	ng		0.00
7) Phenol-d6	6.86	99	339646	94.83	ng		0.00
23) Nitrobenzene-d5	8.80	82	236214	63.81	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	138602	81.71	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	469345	61.92	ng		-0.01
79) Terphenyl-d14	19.65	244	544230	61.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	27440	38.366	ng		97
3) Pyridine	3.63	79	78985	30.561	ng		98
4) n-Nitrosodimethylamine	3.55	42	77740	42.440	ng	#	96
6) Aniline	6.99	93	78855	17.607	ng		99
8) 2-Chlorophenol	7.23	128	110546	42.251	ng		98
9) Benzaldehyde	6.80	77	75695	35.382	ng		98
10) Phenol	6.88	94	156360	42.201	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	113656	39.113	ng		94
12) 1,3-Dichlorobenzene	7.55	146	130036	39.538	ng		98
13) 1,4-Dichlorobenzene	7.69	146	133333	39.207	ng		96
14) 1,2-Dichlorobenzene	8.00	146	126731	38.561	ng		98
15) Benzyl Alcohol	7.90	79	125515	37.211	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	201999	37.419	ng		98
17) 2-Methylphenol	8.11	107	99617	38.724	ng		98
18) Hexachloroethane	8.72	117	50713	38.199	ng		95
19) n-Nitroso-di-n-propylamine	8.46	70	98458	36.056	ng		95
20) 3+4-Methylphenols	8.44	107	132828	36.914	ng		99
22) Acetophenone	8.47	105	180109	39.717	ng		97
24) Nitrobenzene	8.85	77	152379	40.686	ng		99
25) Isophorone	9.38	82	260016	39.167	ng		99
26) 2-Nitrophenol	9.55	139	61621	43.537	ng		98
27) 2,4-Dimethylphenol	9.63	122	103006	48.714	ng		97
28) bis(2-Chloroethoxy)methane	9.86	93	146178	37.587	ng		99
29) 2,4-Dichlorophenol	10.09	162	117910	40.738	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	138266	39.572	ng		99
31) Naphthalene	10.48	128	339816	39.802	ng		99
32) Benzoic acid	9.80	122	70556	38.147	ng		97
33) 4-Chloroaniline	10.59	127	20676	5.260	ng		96
34) Hexachlorobutadiene	10.78	225	99375	40.177	ng		97
35) Caprolactam	11.38	113	35566m	33.839	ng		
36) 4-Chloro-3-methylphenol	11.75	107	127337	36.659	ng		98
37) 2-Methylnaphthalene	12.10	142	255220	37.509	ng		95
38) 1-Methylnaphthalene	12.32	142	243707	37.220	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	167168	43.790	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	119845	61.890	ng		99
43) 2,4,6-Trichlorophenol	12.72	196	107202	43.542	ng		98
44) 2,4,5-Trichlorophenol	12.80	196	112414	42.967	ng		97
46) 1,1'-Biphenyl	13.13	154	340524	42.642	ng		100
47) 2-Chloronaphthalene	13.16	162	270165	40.706	ng		99
48) 2-Nitroaniline	13.37	65	99667	38.222	ng		96
49) Acenaphthylene	14.02	152	421524	41.181	ng		99
50) Dimethylphthalate	13.78	163	375209	40.878	ng		99
51) 2,6-Dinitrotoluene	13.88	165	72744	37.372	ng		96
52) Acenaphthene	14.36	154	250079	39.449	ng		100
53) 3-Nitroaniline	14.20	138	22996	11.190	ng		99
54) 2,4-Dinitrophenol	14.42	184	64310	58.761	ng	#	86
55) Dibenzofuran	14.70	168	414491	38.665	ng		99
56) 4-Nitrophenol	14.55	139	119751	72.971	ng		89
57) 2,4-Dinitrotoluene	14.67	165	100628	35.333	ng	#	96
58) Fluorene	15.36	166	328850	37.910	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	104224	38.579	ng		99
60) Diethylphthalate	15.15	149	330694	35.029	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	184536	37.170	ng		96
62) 4-Nitroaniline	15.38	138	55242	23.577	ng		96
63) Azobenzene	15.65	77	364230	38.612	ng		96
65) 4,6-Dinitro-2-methylphenol	15.44	198	47660	37.308	ng		89
66) n-Nitrosodiphenylamine	15.57	169	285555	45.617	ng		100
67) 4-Bromophenyl-phenylether	16.26	248	114680	43.022	ng		97
68) Hexachlorobenzene	16.37	284	126550	40.862	ng		98
69) Atrazine	16.55	200	114618	49.856	ng		98
70) Pentachlorophenol	16.72	266	152638	89.244	ng		100
71) Phenanthrene	17.10	178	591593	46.038	ng		99
72) Anthracene	17.19	178	543536	43.450	ng		100
73) Carbazole	17.47	167	437109	37.218	ng		100
74) Di-n-butylphthalate	18.05	149	518243	37.297	ng		99
75) Fluoranthene	19.09	202	678299	40.116	ng		99
77) Benzidine	19.27	184	255412	68.588	ng		99
78) Pyrene	19.43	202	639812	53.407	ng		99
80) Butylbenzylphthalate	20.33	149	188797	41.464	ng		98
81) Benzo(a)anthracene	21.16	228	513374	45.200	ng		99
82) 3,3'-Dichlorobenzidine	21.10	252	136830	32.127	ng		100
83) Chrysene	21.21	228	489145	44.191	ng		99
84) Bis(2-ethylhexyl)phthalate	21.11	149	252297	40.420	ng		100
85) Di-n-octyl phthalate	22.00	149	391873	39.374	ng		98
86) Indeno(1,2,3-cd)pyrene	25.82	276	524615m	40.489	ng		
88) Benzo(b)fluoranthene	22.77	252	516231	47.334	ng		99
89) Benzo(k)fluoranthene	22.81	252	430221m	40.459	ng		
90) Benzo(a)pyrene	23.36	252	443213	42.801	ng		100
91) Dibenzo(a,h)anthracene	25.82	278	426439	39.914	ng		97
92) Benzo(g,h,i)perylene	26.58	276	440842	41.506	ng		98

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

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