Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012820\
Data File : BP001703.D
Acq On : 28 Jan 2020 13:15
Operator : CG/JU
Sample : L1008-21MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-012420MSD

Manual Integrations APPROVED
mohammad
1/30/2020 10:17:10 AM

Quant Time: Jan 28 22:40:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 24 22:23:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	21261	20.00	ng		-0.01
21) Naphthalene-d8	10.33	136	92714	20.00	ng		-0.01
39) Acenaphthene-d10	14.21	164	72486	20.00	ng		-0.01
64) Phenanthrene-d10	16.97	188	180842	20.00	ng		-0.01
76) Chrysene-d12	21.09	240	189166	20.00	ng		0.00
87) Perylene-d12	23.30	264	202682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	164621	151.67	ng		0.00
7) Phenol-d6	6.76	99	218721	126.09	ng		0.00
23) Nitrobenzene-d5	8.70	82	200218	94.37	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	129824	117.66	ng		-0.01
45) 2-Fluorobiphenyl	12.83	172	452780	91.84	ng		-0.01
79) Terphenyl-d14	19.57	244	928366	89.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	14632	42.243	ng	#	1
3) Pyridine	3.51	79	35845	28.638	ng		94
4) n-Nitrosodimethylamine	3.42	42	49282	55.554	ng	#	93
6) Aniline	6.89	93	32297	14.891	ng		99
8) 2-Chlorophenol	7.13	128	65492	51.686	ng		92
9) Benzaldehyde	6.70	77	41049	39.619	ng		93
10) Phenol	6.78	94	85155	47.457	ng		98
11) bis(2-Chloroethyl)ether	6.99	93	66159	47.012	ng		94
12) 1,3-Dichlorobenzene	7.44	146	64387	40.425	ng		95
13) 1,4-Dichlorobenzene	7.59	146	68878	41.821	ng		96
14) 1,2-Dichlorobenzene	7.90	146	66887	42.025	ng		97
15) Benzyl Alcohol	7.80	79	81621	49.965	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.09	45	127573	48.797	ng		98
17) 2-Methylphenol	8.02	107	64669	51.908	ng		97
18) Hexachloroethane	8.62	117	26650	41.449	ng		96
19) n-Nitroso-di-n-propylamine	8.36	70	68677	51.931	ng		89
20) 3+4-Methylphenols	8.35	107	85849	49.264	ng		92
22) Acetophenone	8.37	105	116160	44.694	ng		93
24) Nitrobenzene	8.75	77	102520	47.762	ng		95
25) Isophorone	9.27	82	185779	48.828	ng		98
26) 2-Nitrophenol	9.45	139	38623	47.613	ng		99
27) 2,4-Dimethylphenol	9.53	122	66509	54.881	ng		99
28) bis(2-Chloroethoxy)methane	9.76	93	100605	45.137	ng		99
29) 2,4-Dichlorophenol	9.99	162	77721	46.853	ng		98
30) 1,2,4-Trichlorobenzene	10.20	180	80374	40.136	ng		95
31) Naphthalene	10.38	128	214177	43.771	ng		100
32) Benzoic acid	9.79	122	13066m	15.509	ng		
33) 4-Chloroaniline	10.50	127	8802	3.907	ng	#	90
34) Hexachlorobutadiene	10.67	225	52975	37.370	ng		95
35) Caprolactam	11.26	113	21256m	35.287	ng		
36) 4-Chloro-3-methylphenol	11.65	107	92740	46.585	ng		92
37) 2-Methylnaphthalene	12.00	142	169494	43.464	ng		96
38) 1-Methylnaphthalene	12.23	142	162162	43.213	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	108288	43.611	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	52205	41.448	ng		95
43) 2,4,6-Trichlorophenol	12.63	196	67902	42.401	ng		96
44) 2,4,5-Trichlorophenol	12.71	196	74843	43.980	ng		96
46) 1,1'-Biphenyl	13.04	154	235604	45.359	ng		100
47) 2-Chloronaphthalene	13.07	162	188904	43.758	ng		98
48) 2-Nitroaniline	13.29	65	85160	50.210	ng		97
49) Acenaphthylene	13.93	152	311867	46.842	ng		100
50) Dimethylphthalate	13.69	163	288823	48.377	ng		99
51) 2,6-Dinitrotoluene	13.80	165	58007	45.817	ng		93
52) Acenaphthene	14.27	154	181913	44.117	ng		98
53) 3-Nitroaniline	14.13	138	14973	11.201	ng		95
54) 2,4-Dinitrophenol	14.35	184	37959	53.323	ng	#	81
55) Dibenzofuran	14.62	168	315705	45.277	ng		99
56) 4-Nitrophenol	14.47	139	77174	72.299	ng		87
57) 2,4-Dinitrotoluene	14.59	165	81983	44.256	ng	#	80
58) Fluorene	15.27	166	259584	46.007	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	65925	37.516	ng		96
60) Diethylphthalate	15.07	149	268486	43.723	ng		99
61) 4-Chlorophenyl-phenylether	15.27	204	144232	44.665	ng		96
62) 4-Nitroaniline	15.30	138	50976	33.448	ng		93
63) Azobenzene	15.57	77	308007	50.200	ng		93
65) 4,6-Dinitro-2-methylphenol	15.36	198	41629	42.578	ng		88
66) n-Nitrosodiphenylamine	15.49	169	229464	47.896	ng		99
67) 4-Bromophenyl-phenylether	16.17	248	90881	44.547	ng		95
68) Hexachlorobenzene	16.29	284	102040	43.049	ng		98
69) Atrazine	16.46	200	98343	55.892	ng		99
70) Pentachlorophenol	16.64	266	83945	64.129	ng		99
71) Phenanthrene	17.02	178	448782	45.632	ng		98
72) Anthracene	17.11	178	454635	47.486	ng		99
73) Carbazole	17.39	167	403599	44.901	ng		100
74) Di-n-butylphthalate	17.97	149	484252	45.536	ng		99
75) Fluoranthene	19.00	202	591780	45.730	ng		99
77) Benzidine	19.19	184	83154	19.252	ng		97
78) Pyrene	19.36	202	609559	43.866	ng		99
80) Butylbenzylphthalate	20.26	149	232608	44.043	ng		99
81) Benzo(a)anthracene	21.07	228	603777	45.830	ng		99
82) 3,3'-Dichlorobenzidine	21.01	252	103887	21.029	ng		99
83) Chrysene	21.13	228	580879	45.244	ng		98
84) Bis(2-ethylhexyl)phthalate	21.03	149	332576	45.936	ng		98
85) Di-n-octyl phthalate	21.89	149	568725	49.265	ng		94
86) Indeno(1,2,3-cd)pyrene	25.54	276	601236	40.005	ng	#	97
88) Benzo(b)fluoranthene	22.63	252	636825	49.861	ng		100
89) Benzo(k)fluoranthene	22.68	252	574019	46.096	ng		98
90) Benzo(a)pyrene	23.20	252	535670	44.173	ng		99
91) Dibenzo(a,h)anthracene	25.55	278	505036	40.365	ng	#	97
92) Benzo(g,h,i)perylene	26.24	276	481402	38.703	ng	#	97

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

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