Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001378.D
Acq On : 23 Dec 2019 20:37
Operator : JU
Sample : K6401-03MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B37MSD

Manual Integrations APPROVED
mohammad
12/24/2019 3:05:37 PM

Quant Time: Dec 24 10:25:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	83534m	20.00 ng		0.12
21) Naphthalene-d8	10.39	136	199455m	20.00 ng		0.06
39) Acenaphthene-d10	13.22	164	110897	20.00 ng		0.02
64) Phenanthrene-d10	15.62	188	196507	20.00 ng		0.02
76) Chrysene-d12	19.27	240	154661	20.00 ng		0.03
87) Perylene-d12	21.07	264	172893	20.00 ng		0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	302993m	58.62 ng		0.11
7) Phenol-d6	7.80	99	1018303m	150.99 ng		0.05
23) Nitrobenzene-d5	9.26	82	433015	83.37 ng		0.07
42) 2,4,6-Tribromophenol	14.52	330	107523	77.55 ng		0.02
45) 2-Fluorobiphenyl	12.13	172	477604	54.46 ng		0.01
79) Terphenyl-d14	17.90	244	509063	56.38 ng		0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	43945	20.660 ng		96
3) Pyridine	3.40	79	113357	19.508 ng		96
4) n-Nitrosodimethylamine	3.31	42	97797	26.580 ng		96
6) Aniline	7.86	93	90980m	10.716 ng		
8) 2-Chlorophenol	8.04	128	164488	31.656 ng		98
9) Benzaldehyde	7.68	77	1414281m	298.932 ng		
10) Phenol	7.83	94	258832	33.588 ng	#	67
11) bis(2-Chloroethyl)ether	7.96	93	188690	34.612 ng	#	34
12) 1,3-Dichlorobenzene	8.35	146	204365	31.576 ng		97
13) 1,4-Dichlorobenzene	8.45	146	309397m	46.921 ng		
14) 1,2-Dichlorobenzene	8.68	146	405045m	64.477 ng		
15) Benzyl Alcohol	8.60	79	193871	30.636 ng		92
16) 2,2'-oxybis(1-Chloropropan	8.85	45	188523	21.835 ng	#	1
17) 2-Methylphenol	8.78	107	147028m	32.021 ng		
18) Hexachloroethane	9.22	117	516518m	184.133 ng		
19) n-Nitroso-di-n-propylamine	8.99	70	2287576	477.789 ng	#	65
20) 3+4-Methylphenols	9.03	107	224916m	36.913 ng		
22) Acetophenone	9.06	105	3509391m	556.401 ng		
24) Nitrobenzene	9.28	77	649875m	127.126 ng		
25) Isophorone	9.69	82	648818m	77.688 ng		
26) 2-Nitrophenol	9.80	139	87829m	48.181 ng		
27) 2,4-Dimethylphenol	9.87	122	207566	77.420 ng		98
28) bis(2-Chloroethoxy)methane	10.02	93	240585m	48.232 ng		
29) 2,4-Dichlorophenol	10.17	162	146984	44.276 ng		97
30) 1,2,4-Trichlorobenzene	10.31	180	157690	38.617 ng		97
31) Naphthalene	10.43	128	1940298	178.212 ng		98
32) Benzoic acid	10.06	122	104528	48.198 ng	#	1
33) 4-Chloroaniline	10.50	127	43479m	9.765 ng		
34) Hexachlorobutadiene	10.63	225	95039	33.369 ng		96
35) Caprolactam	11.06	113	33906m	34.324 ng		
36) 4-Chloro-3-methylphenol	11.30	107	149623	38.568 ng		97
37) 2-Methylnaphthalene	11.52	142	374529	49.828 ng		98
38) 1-Methylnaphthalene	11.68	142	311754	44.117 ng		96
40) 1,2,4,5-Tetrachlorobenzene	11.80	216	155676	37.966 ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	116962	57.672	ng		99
43) 2,4,6-Trichlorophenol	11.99	196	100019	39.663	ng		99
44) 2,4,5-Trichlorophenol	12.05	196	104922	40.495	ng		98
46) 1,1'-Biphenyl	12.29	154	362729	39.086	ng		98
47) 2-Chloronaphthalene	12.30	162	277272	36.958	ng		98
48) 2-Nitroaniline	12.47	65	109203	36.351	ng		97
49) Acenaphthylene	12.98	152	418700	38.178	ng		100
50) Dimethylphthalate	12.81	163	446216	49.046	ng		99
51) 2,6-Dinitrotoluene	12.89	165	74006	40.061	ng		86
52) Acenaphthene	13.27	154	246192	37.258	ng		100
53) 3-Nitroaniline	13.15	138	37940	19.135	ng	#	93
54) 2,4-Dinitrophenol	13.33	184	23579	33.055	ng		93
55) Dibenzofuran	13.56	168	387729	37.451	ng		96
56) 4-Nitrophenol	13.46	139	112477	79.331	ng		95
57) 2,4-Dinitrotoluene	13.55	165	97995	38.166	ng		98
58) Fluorene	14.12	166	309600	37.388	ng		96
59) 2,3,4,6-Tetrachlorophenol	13.76	232	83268m	37.433	ng		
60) Diethylphthalate	13.98	149	344483	36.711	ng		100
61) 4-Chlorophenyl-phenylether	14.13	204	160866	36.956	ng		96
62) 4-Nitroaniline	12.47	138	85639	37.297	ng		97
63) Azobenzene	14.39	77	353142	35.747	ng		98
65) 4,6-Dinitro-2-methylphenol	14.22	198	17792	20.216	ng	#	76
66) n-Nitrosodiphenylamine	14.33	169	277009	44.465	ng		100
67) 4-Bromophenyl-phenylether	14.93	248	94578	40.708	ng		96
68) Hexachlorobenzene	15.03	284	99719	37.702	ng		96
69) Atrazine	15.23	200	89714	40.091	ng		93
70) Pentachlorophenol	15.34	266	114558	84.459	ng		94
71) Phenanthrene	15.66	178	441925	39.418	ng		97
72) Anthracene	15.74	178	441750	39.803	ng		98
73) Carbazole	15.99	167	388863	39.299	ng		100
74) Di-n-butylphthalate	16.55	149	514747	37.908	ng		100
75) Fluoranthene	17.38	202	458501	36.574	ng		99
77) Benzidine	17.56	184	47839	10.624	ng	#	82
78) Pyrene	17.68	202	465864	38.795	ng		99
80) Butylbenzylphthalate	18.56	149	206237	36.838	ng		93
81) Benzo(a)anthracene	19.26	228	434418	38.547	ng		99
82) 3,3'-Dichlorobenzidine	19.23	252	78202	19.983	ng	#	96
83) Chrysene	19.31	228	425918	39.154	ng		99
84) Bis(2-ethylhexyl)phthalate	19.31	149	395896	48.191	ng		97
85) Di-n-octyl phthalate	20.10	149	560514	41.166	ng	#	1
86) Indeno(1,2,3-cd)pyrene	22.74	276	454099	38.653	ng		99
88) Benzo(b)fluoranthene	20.58	252	445462	39.232	ng	#	86
89) Benzo(k)fluoranthene	20.62	252	385312	35.624	ng	#	90
90) Benzo(a)pyrene	21.00	252	381948	36.926	ng	#	89
91) Dibenzo(a,h)anthracene	22.77	278	383293	37.900	ng	#	97
92) Benzo(g,h,i)perylene	23.24	276	371031	38.394	ng		97

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

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