Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001425.D
Acq On : 26 Dec 2019 16:56
Operator : JU
Sample : K6396-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MSD

Manual Integrations APPROVED
mohammad
12/27/2019 3:18:11 PM

Quant Time: Dec 27 07:53:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	37387	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	134433	20.00	ng		0.00
39) Acenaphthene-d10	13.19	164	79693	20.00	ng		0.00
64) Phenanthrene-d10	15.59	188	152850	20.00	ng		0.00
76) Chrysene-d12	19.23	240	115200	20.00	ng		0.00
87) Perylene-d12	21.00	264	114393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	289259	125.04	ng		0.02
7) Phenol-d6	7.77	99	399255	132.27	ng		0.02
23) Nitrobenzene-d5	9.18	82	261725	74.76	ng		0.00
42) 2,4,6-Tribromophenol	14.49	330	122519	122.97	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	500093	79.35	ng		0.00
79) Terphenyl-d14	17.87	244	571953	85.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	35441	37.228	ng		96
3) Pyridine	3.43	79	89500	34.414	ng		98
4) n-Nitrosodimethylamine	3.36	42	77909	47.311	ng		97
6) Aniline	7.77	93	169115	44.506	ng	#	79
8) 2-Chlorophenol	7.96	128	119159	51.237	ng		94
9) Benzaldehyde	7.59	77	83686	39.521	ng		98
10) Phenol	7.79	94	181943	52.753	ng	#	74
11) bis(2-Chloroethyl)ether	7.90	93	112651	46.169	ng		96
12) 1,3-Dichlorobenzene	8.19	146	137411	47.436	ng		99
13) 1,4-Dichlorobenzene	8.32	146	140002	47.438	ng		99
14) 1,2-Dichlorobenzene	8.55	146	134664	47.896	ng		98
15) Benzyl Alcohol	8.53	79	132058	46.625	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	148780	38.501	ng		66
17) 2-Methylphenol	8.73	107	104776	50.984	ng		98
18) Hexachloroethane	9.09	117	55697	44.363	ng		96
19) n-Nitroso-di-n-propylamine	8.96	70	96204	44.895	ng		99
20) 3+4-Methylphenols	8.98	107	133926	49.109	ng		96
22) Acetophenone	8.94	105	186550	43.882	ng	#	99
24) Nitrobenzene	9.20	77	152119	44.150	ng		100
25) Isophorone	9.60	82	251865	44.744	ng		99
26) 2-Nitrophenol	9.72	139	61536	50.085	ng		99
27) 2,4-Dimethylphenol	9.82	122	107603	59.547	ng		99
28) bis(2-Chloroethoxy)methane	9.96	93	141550	42.104	ng		100
29) 2,4-Dichlorophenol	10.12	162	111123	49.664	ng		99
30) 1,2,4-Trichlorobenzene	10.24	180	128600	46.726	ng		96
31) Naphthalene	10.36	128	349355	47.607	ng		99
32) Benzoic acid	10.05	122	62586	43.377	ng		93
33) 4-Chloroaniline	10.46	127	104884	34.949	ng		97
34) Hexachlorobutadiene	10.58	225	83758	43.632	ng		92
35) Caprolactam	11.05	113	31694m	47.603	ng		
36) 4-Chloro-3-methylphenol	11.29	107	122981	47.034	ng		97
37) 2-Methylnaphthalene	11.49	142	252776	49.895	ng		99
38) 1-Methylnaphthalene	11.65	142	237191	49.800	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.77	216	138683	47.065	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	139315	95.592	ng		98
43) 2,4,6-Trichlorophenol	11.96	196	87337	48.194	ng		98
44) 2,4,5-Trichlorophenol	12.03	196	94218	50.602	ng		99
46) 1,1'-Biphenyl	12.26	154	318957	47.827	ng		98
47) 2-Chloronaphthalene	12.28	162	251297	46.612	ng		99
48) 2-Nitroaniline	12.46	65	90656	41.993	ng		97
49) Acenaphthylene	12.96	152	383644	48.679	ng		99
50) Dimethylphthalate	12.79	163	313754	47.990	ng		99
51) 2,6-Dinitrotoluene	12.87	165	62675	47.211	ng		89
52) Acenaphthene	13.24	154	223258	47.017	ng		99
53) 3-Nitroaniline	13.13	138	45871	32.193	ng		94
54) 2,4-Dinitrophenol	13.32	184	54983	107.259	ng		92
55) Dibenzofuran	13.53	168	361467	48.585	ng		98
56) 4-Nitrophenol	13.46	139	87851	86.223	ng		97
57) 2,4-Dinitrotoluene	13.53	165	86279	46.760	ng	#	94
58) Fluorene	14.09	166	282655	47.500	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.74	232	73820	46.179	ng		96
60) Diethylphthalate	13.95	149	287012	42.562	ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	148875	47.593	ng		98
62) 4-Nitroaniline	12.46	138	75000	45.453	ng		95
63) Azobenzene	14.36	77	306746	43.208	ng		95
65) 4,6-Dinitro-2-methylphenol	14.19	198	40581	59.281	ng		94
66) n-Nitrosodiphenylamine	14.30	169	242407	50.025	ng		100
67) 4-Bromophenyl-phenylether	14.90	248	86894	48.083	ng		99
68) Hexachlorobenzene	14.99	284	97718	47.498	ng		95
69) Atrazine	15.20	200	82001	47.111	ng		99
70) Pentachlorophenol	15.31	266	92529	87.702	ng		97
71) Phenanthrene	15.62	178	416370	47.746	ng		100
72) Anthracene	15.70	178	430534	49.872	ng		100
73) Carbazole	15.95	167	359058	46.652	ng		99
74) Di-n-butylphthalate	16.50	149	444560	42.090	ng		99
75) Fluoranthene	17.33	202	456185	46.783	ng		99
77) Benzidine	17.53	184	235057	70.081	ng		99
78) Pyrene	17.64	202	463290	51.796	ng		100
80) Butylbenzylphthalate	18.52	149	182297	43.716	ng		94
81) Benzo(a)anthracene	19.22	228	405956	48.360	ng		100
82) 3,3'-Dichlorobenzidine	19.19	252	146149	50.138	ng		97
83) Chrysene	19.27	228	397516	49.061	ng		100
84) Bis(2-ethylhexyl)phthalate	19.27	149	261067	42.665	ng		99
85) Di-n-octyl phthalate	20.05	149	424929	41.899	ng		97
86) Indeno(1,2,3-cd)pyrene	22.63	276	389796	44.544	ng		98
88) Benzo(b)fluoranthene	20.52	252	372427	49.574	ng		99
89) Benzo(k)fluoranthene	20.55	252	359233	50.198	ng	#	99
90) Benzo(a)pyrene	20.93	252	328663	48.024	ng		99
91) Dibenzo(a,h)anthracene	22.66	278	334871	50.045	ng		99
92) Benzo(g,h,i)perylene	23.12	276	435684	68.140	ng		100

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

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