Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001392.D
Acq On : 24 Dec 2019 18:05
Operator : JU
Sample : K6396-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
12/26/2019 4:01:30 PM

Quant Time: Dec 25 03:08:42 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	51679	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	197760	20.00	ng		0.00
39) Acenaphthene-d10	13.19	164	116678	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	222685	20.00	ng		0.00
76) Chrysene-d12	19.23	240	150289	20.00	ng		0.00
87) Perylene-d12	20.99	264	144280	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	295395	92.38	ng		0.01
7) Phenol-d6	7.76	99	406102	97.33	ng		0.00
23) Nitrobenzene-d5	9.17	82	280680	54.50	ng		0.00
42) 2,4,6-Tribromophenol	14.48	330	130690	89.59	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	540220	58.55	ng		0.00
79) Terphenyl-d14	17.87	244	577690	65.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	34706	26.374	ng		98
3) Pyridine	3.42	79	87159	24.246	ng		97
4) n-Nitrosodimethylamine	3.33	42	80266	35.263	ng		95
6) Aniline	7.76	93	187213	35.643	ng		91
8) 2-Chlorophenol	7.95	128	121697	37.857	ng		99
9) Benzaldehyde	7.58	77	86955	29.709	ng		95
10) Phenol	7.78	94	186822	39.188	ng		85
11) bis(2-Chloroethyl)ether	7.89	93	117375	34.801	ng		99
12) 1,3-Dichlorobenzene	8.19	146	138358	34.554	ng		99
13) 1,4-Dichlorobenzene	8.31	146	140277	34.386	ng		98
14) 1,2-Dichlorobenzene	8.55	146	135772	34.935	ng		98
15) Benzyl Alcohol	8.52	79	143961	36.771	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.75	45	170189	31.862	ng		98
17) 2-Methylphenol	8.72	107	107808	37.952	ng		99
18) Hexachloroethane	9.09	117	57516	33.142	ng		93
19) n-Nitroso-di-n-propylamine	8.96	70	108791	36.728	ng		99
20) 3+4-Methylphenols	8.96	107	143726	38.128	ng		96
22) Acetophenone	8.93	105	199715	31.935	ng	#	96
24) Nitrobenzene	9.20	77	165387	32.630	ng		98
25) Isophorone	9.60	82	284954	34.412	ng		99
26) 2-Nitrophenol	9.71	139	66921	37.026	ng		98
27) 2,4-Dimethylphenol	9.81	122	110342	41.509	ng		97
28) bis(2-Chloroethoxy)methane	9.96	93	156092	31.561	ng		99
29) 2,4-Dichlorophenol	10.11	162	117872	35.811	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	132330	32.685	ng		97
31) Naphthalene	10.36	128	366297	33.932	ng		99
32) Benzoic acid	10.02	122	66516	32.733	ng		96
33) 4-Chloroaniline	10.45	127	127335	28.843	ng		98
34) Hexachlorobutadiene	10.57	225	88829	31.456	ng		95
35) Caprolactam	11.03	113	34411m	35.134	ng		
36) 4-Chloro-3-methylphenol	11.27	107	133906	34.813	ng		98
37) 2-Methylnaphthalene	11.49	142	265745	35.658	ng		99
38) 1-Methylnaphthalene	11.65	142	250087	35.694	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	147065	34.089	ng	#	97

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Quant Time: Dec 25 03:08:42 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	173771	81.439	ng		98
43) 2,4,6-Trichlorophenol	11.96	196	93043	35.068	ng		99
44) 2,4,5-Trichlorophenol	12.02	196	100024	36.692	ng		99
46) 1,1'-Biphenyl	12.26	154	337213	34.536	ng		98
47) 2-Chloronaphthalene	12.28	162	262759	33.289	ng		100
48) 2-Nitroaniline	12.45	65	99389	31.445	ng		99
49) Acenaphthylene	12.95	152	406236	35.206	ng		99
50) Dimethylphthalate	12.79	163	349438	36.506	ng		99
51) 2,6-Dinitrotoluene	12.86	165	68689	35.340	ng		85
52) Acenaphthene	13.24	154	236173	33.971	ng		99
53) 3-Nitroaniline	13.12	138	52760	25.291	ng		99
54) 2,4-Dinitrophenol	13.30	184	59636	79.460	ng	#	85
55) Dibenzofuran	13.52	168	380185	34.903	ng		98
56) 4-Nitrophenol	13.45	139	104016	69.728	ng		95
57) 2,4-Dinitrotoluene	13.52	165	92835	34.365	ng	#	93
58) Fluorene	14.09	166	303596	34.847	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.73	232	81825m	34.961	ng		
60) Diethylphthalate	13.95	149	328629	33.286	ng		98
61) 4-Chlorophenyl-phenylether	14.10	204	159882	34.910	ng		95
62) 4-Nitroaniline	12.45	138	79027	32.712	ng		89
63) Azobenzene	14.36	77	347530	33.436	ng		95
65) 4,6-Dinitro-2-methylphenol	14.19	198	42354	42.468	ng		88
66) n-Nitrosodiphenylamine	14.30	169	258346	36.594	ng		98
67) 4-Bromophenyl-phenylether	14.90	248	93520	35.521	ng	#	88
68) Hexachlorobenzene	14.99	284	104061	34.719	ng		95
69) Atrazine	15.19	200	89569	35.321	ng		97
70) Pentachlorophenol	15.30	266	111012	72.223	ng		94
71) Phenanthrene	15.62	178	436301	34.341	ng		100
72) Anthracene	15.70	178	449193	35.715	ng		99
73) Carbazole	15.95	167	373289	33.291	ng		100
74) Di-n-butylphthalate	16.50	149	523268	34.006	ng		99
75) Fluoranthene	17.33	202	462253	32.539	ng		99
77) Benzidine	17.53	184	348311	79.601	ng		99
78) Pyrene	17.64	202	454108	38.916	ng		99
80) Butylbenzylphthalate	18.52	149	197029	36.217	ng		92
81) Benzo(a)anthracene	19.22	228	379411	34.645	ng		100
82) 3,3'-Dichlorobenzidine	19.19	252	133544	35.118	ng		99
83) Chrysene	19.26	228	364978	34.528	ng		99
84) Bis(2-ethylhexyl)phthalate	19.27	149	293806	36.804	ng		99
85) Di-n-octyl phthalate	20.05	149	470449	35.557	ng		97
86) Indeno(1,2,3-cd)pyrene	22.62	276	350180	30.674	ng		98
88) Benzo(b)fluoranthene	20.52	252	330732	34.905	ng		100
89) Benzo(k)fluoranthene	20.55	252	330461	36.612	ng		99
90) Benzo(a)pyrene	20.93	252	298095	34.535	ng		100
91) Dibenzo(a,h)anthracene	22.65	278	293534	34.780	ng		98
92) Benzo(g,h,i)perylene	23.11	276	285428	35.393	ng		98

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

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