Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001490.D
Acq On : 28 Dec 2019 22:31
Operator : JU
Sample : K6431-10MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
12/30/2019 2:09:46 PM

Quant Time: Dec 29 08:28:15 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	8.28	152	24473	20.00	ng		-0.01
21) Naphthalene-d8	10.31	136	87517	20.00	ng		-0.01
39) Acenaphthene-d10	13.18	164	52569	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	106745	20.00	ng		0.00
76) Chrysene-d12	19.24	240	83886	20.00	ng		0.01
87) Perylene-d12	21.02	264	84495	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	238818	157.71	ng		0.00
7) Phenol-d6	7.75	99	323115	163.53	ng		0.00
23) Nitrobenzene-d5	9.17	82	212610	93.29	ng		0.00
42) 2,4,6-Tribromophenol	14.49	330	112648	171.40	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	432942	104.14	ng		0.00
79) Terphenyl-d14	17.87	244	542664	110.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	23101	37.070	ng		95
3) Pyridine	3.40	79	57225	33.615	ng		94
4) n-Nitrosodimethylamine	3.32	42	50856	47.179	ng		97
6) Aniline	7.76	93	79631	32.015	ng		89
8) 2-Chlorophenol	7.95	128	77754	51.076	ng		97
9) Benzaldehyde	7.57	77	50490	36.427	ng		98
10) Phenol	7.77	94	112458	49.812	ng	#	79
11) bis(2-Chloroethyl)ether	7.89	93	71989	45.073	ng		93
12) 1,3-Dichlorobenzene	8.18	146	88174	46.501	ng		98
13) 1,4-Dichlorobenzene	8.30	146	92828	48.051	ng		96
14) 1,2-Dichlorobenzene	8.54	146	89214	48.474	ng		97
15) Benzyl Alcohol	8.52	79	86516	46.665	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.74	45	88683	35.060	ng		94
17) 2-Methylphenol	8.72	107	66315	49.297	ng		97
18) Hexachloroethane	9.08	117	35394	43.068	ng		95
19) n-Nitroso-di-n-propylamine	8.95	70	60480	43.117	ng		97
20) 3+4-Methylphenols	8.96	107	88837	49.765	ng		99
22) Acetophenone	8.93	105	123367	44.577	ng	#	98
24) Nitrobenzene	9.19	77	98542	43.932	ng		98
25) Isophorone	9.59	82	162154	44.250	ng		96
26) 2-Nitrophenol	9.70	139	40745	50.941	ng		96
27) 2,4-Dimethylphenol	9.80	122	67081	57.023	ng		99
28) bis(2-Chloroethoxy)methane	9.96	93	90921	41.542	ng		98
29) 2,4-Dichlorophenol	10.10	162	73854	50.702	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	85572	47.760	ng		97
31) Naphthalene	10.35	128	232515	48.671	ng		100
32) Benzoic acid	10.03	122	33071	36.154	ng		94
33) 4-Chloroaniline	10.45	127	31133	15.935	ng		98
34) Hexachlorobutadiene	10.57	225	53953	43.173	ng		95
35) Caprolactam	11.04	113	20772m	47.924	ng		
36) 4-Chloro-3-methylphenol	11.28	107	78338	46.021	ng		96
37) 2-Methylnaphthalene	11.48	142	169436	51.374	ng		99
38) 1-Methylnaphthalene	11.64	142	155473	50.142	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	95303	49.031	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	95234	99.062	ng		98
43) 2,4,6-Trichlorophenol	11.96	196	58511	48.947	ng		99
44) 2,4,5-Trichlorophenol	12.02	196	60432	49.203	ng		99
46) 1,1'-Biphenyl	12.25	154	216283	49.165	ng		99
47) 2-Chloronaphthalene	12.27	162	167085	46.982	ng		98
48) 2-Nitroaniline	12.45	65	57960	40.700	ng		96
49) Acenaphthylene	12.95	152	255553	49.157	ng		99
50) Dimethylphthalate	12.79	163	240825	55.841	ng		100
51) 2,6-Dinitrotoluene	12.86	165	42191	48.180	ng		87
52) Acenaphthene	13.23	154	149584	47.756	ng		97
53) 3-Nitroaniline	13.12	138	19679	20.937	ng		97
54) 2,4-Dinitrophenol	13.31	184	28530	84.372	ng		96
55) Dibenzofuran	13.52	168	244706	49.862	ng		98
56) 4-Nitrophenol	13.46	139	62519	93.021	ng		100
57) 2,4-Dinitrotoluene	13.52	165	60385	49.613	ng	#	94
58) Fluorene	14.09	166	193149	49.206	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.73	232	50688	48.069	ng	#	97
60) Diethylphthalate	13.95	149	197681	44.441	ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	105038	50.904	ng		95
62) 4-Nitroaniline	12.45	138	48998	45.017	ng		96
63) Azobenzene	14.36	77	202482	43.238	ng		94
65) 4,6-Dinitro-2-methylphenol	14.19	198	25488	53.315	ng		98
66) n-Nitrosodiphenylamine	14.30	169	167700	49.555	ng		98
67) 4-Bromophenyl-phenylether	14.90	248	61464	48.702	ng		98
68) Hexachlorobenzene	14.99	284	69741	48.541	ng		95
69) Atrazine	15.20	200	60322	49.624	ng		98
70) Pentachlorophenol	15.31	266	68163	92.512	ng		94
71) Phenanthrene	15.62	178	308964	50.732	ng		99
72) Anthracene	15.70	178	304829	50.562	ng		100
73) Carbazole	15.95	167	254290	47.310	ng		99
74) Di-n-butylphthalate	16.50	149	315864	42.822	ng		99
75) Fluoranthene	17.33	202	344502	50.589	ng		99
77) Benzidine	17.53	184	151446	62.008	ng		98
78) Pyrene	17.65	202	339952	52.194	ng		98
80) Butylbenzylphthalate	18.53	149	131797	43.404	ng		92
81) Benzo(a)anthracene	19.23	228	305041	49.903	ng		99
82) 3,3'-Dichlorobenzidine	19.20	252	54543	25.697	ng		98
83) Chrysene	19.27	228	288280	48.861	ng		99
84) Bis(2-ethylhexyl)phthalate	19.28	149	191722	43.028	ng		99
85) Di-n-octyl phthalate	20.06	149	311700	42.207	ng		98
86) Indeno(1,2,3-cd)pyrene	22.67	276	296745	46.570	ng		99
88) Benzo(b)fluoranthene	20.53	252	276157	49.766	ng		99
89) Benzo(k)fluoranthene	20.57	252	271117	51.290	ng		100
90) Benzo(a)pyrene	20.95	252	246767	48.816	ng		98
91) Dibenzo(a,h)anthracene	22.71	278	252211	51.029	ng		98
92) Benzo(g,h,i)perylene	23.19	276	242612	51.370	ng		100

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

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