Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001388.D
Acq On : 24 Dec 2019 16:04
Operator : JU
Sample : K6107-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HR-06-121819MSD

Manual Integrations APPROVED
mohammad
12/26/2019 4:01:20 PM

Quant Time: Dec 25 02:26:23 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	57349	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	217275	20.00	ng		0.00
39) Acenaphthene-d10	13.19	164	129853	20.00	ng		0.00
64) Phenanthrene-d10	15.59	188	251162	20.00	ng		0.00
76) Chrysene-d12	19.23	240	169177	20.00	ng		0.00
87) Perylene-d12	21.00	264	161799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	403102	113.60	ng		0.02
7) Phenol-d6	7.76	99	510606	110.28	ng		0.00
23) Nitrobenzene-d5	9.18	82	422008	74.59	ng		0.00
42) 2,4,6-Tribromophenol	14.49	330	198960	122.55	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	826458	80.48	ng		0.00
79) Terphenyl-d14	17.87	244	940231	95.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	44320	30.350	ng		99
3) Pyridine	3.46	79	117502	29.455	ng		96
4) n-Nitrosodimethylamine	3.38	42	98181	38.869	ng		99
6) Aniline	7.77	93	82848	14.214	ng	#	1
8) 2-Chlorophenol	7.96	128	155275	43.527	ng		99
9) Benzaldehyde	7.58	77	109277	33.644	ng		93
10) Phenol	7.78	94	193530	36.581	ng		83
11) bis(2-Chloroethyl)ether	7.90	93	153140	40.917	ng		100
12) 1,3-Dichlorobenzene	8.19	146	156647	35.254	ng		99
13) 1,4-Dichlorobenzene	8.32	146	161956	35.775	ng		98
14) 1,2-Dichlorobenzene	8.55	146	160430	37.199	ng		97
15) Benzyl Alcohol	8.53	79	189018	43.507	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	219741	37.071	ng		96
17) 2-Methylphenol	8.72	107	131636	41.758	ng		98
18) Hexachloroethane	9.09	117	64730	33.612	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	139316	42.384	ng		97
20) 3+4-Methylphenols	8.97	107	173450	41.464	ng		99
22) Acetophenone	8.94	105	259042	37.702	ng	#	99
24) Nitrobenzene	9.20	77	214594	38.535	ng		99
25) Isophorone	9.60	82	368518	40.507	ng		99
26) 2-Nitrophenol	9.71	139	82136	41.363	ng		96
27) 2,4-Dimethylphenol	9.82	122	130704	44.753	ng		97
28) bis(2-Chloroethoxy)methane	9.96	93	207021	38.099	ng		99
29) 2,4-Dichlorophenol	10.11	162	148802	41.147	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	166104	37.342	ng		95
31) Naphthalene	10.36	128	467681	39.432	ng		99
32) Benzoic acid	9.99	122	34891	18.252	ng		89
33) 4-Chloroaniline	10.45	127	37948	7.824	ng	#	95
34) Hexachlorobutadiene	10.58	225	105580	34.030	ng		97
35) Caprolactam	11.03	113	31052m	28.857	ng		
36) 4-Chloro-3-methylphenol	11.28	107	170392	40.320	ng		98
37) 2-Methylnaphthalene	11.49	142	340832	41.626	ng		98
38) 1-Methylnaphthalene	11.65	142	316596	41.128	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	187944	39.144	ng	#	98

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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	202074	85.095	ng		98
43) 2,4,6-Trichlorophenol	11.96	196	119853	40.590	ng		99
44) 2,4,5-Trichlorophenol	12.02	196	128097	42.222	ng		96
46) 1,1'-Biphenyl	12.26	154	432836	39.832	ng		98
47) 2-Chloronaphthalene	12.28	162	336180	38.269	ng		100
48) 2-Nitroaniline	12.45	65	128888	36.640	ng		99
49) Acenaphthylene	12.95	152	525797	40.945	ng		100
50) Dimethylphthalate	12.79	163	429224	40.291	ng		99
51) 2,6-Dinitrotoluene	12.87	165	88646	40.981	ng		92
52) Acenaphthene	13.24	154	303360	39.208	ng		99
53) 3-Nitroaniline	13.12	138	31263	13.465	ng		96
54) 2,4-Dinitrophenol	13.31	184	73044	87.450	ng		87
55) Dibenzofuran	13.53	168	491185	40.518	ng		99
56) 4-Nitrophenol	13.45	139	122363	73.705	ng		95
57) 2,4-Dinitrotoluene	13.53	165	121008	40.249	ng	#	94
58) Fluorene	14.09	166	390308	40.254	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.73	232	103167	39.608	ng	#	90
60) Diethylphthalate	13.95	149	423931	38.582	ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	204725	40.166	ng		96
62) 4-Nitroaniline	12.45	138	102758	38.220	ng		92
63) Azobenzene	14.36	77	447763	38.708	ng		95
65) 4,6-Dinitro-2-methylphenol	14.19	198	54120	48.113	ng		95
66) n-Nitrosodiphenylamine	14.30	169	329612	41.395	ng		99
67) 4-Bromophenyl-phenylether	14.90	248	123225	41.497	ng		95
68) Hexachlorobenzene	14.99	284	133707	39.552	ng		96
69) Atrazine	15.20	200	125659	43.935	ng		98
70) Pentachlorophenol	15.30	266	137333	79.217	ng		95
71) Phenanthrene	15.62	178	571318	39.870	ng		100
72) Anthracene	15.70	178	573713	40.444	ng		99
73) Carbazole	15.95	167	483822	38.256	ng		100
74) Di-n-butylphthalate	16.50	149	668956	38.544	ng		99
75) Fluoranthene	17.33	202	578797	36.123	ng		100
77) Benzidine	17.52	184	206605	41.945	ng		99
78) Pyrene	17.64	202	573355	43.649	ng		99
80) Butylbenzylphthalate	18.52	149	255994	41.803	ng		92
81) Benzo(a)anthracene	19.22	228	487298	39.529	ng		100
82) 3,3'-Dichlorobenzidine	19.19	252	78132	18.252	ng		98
83) Chrysene	19.26	228	467098	39.255	ng		99
84) Bis(2-ethylhexyl)phthalate	19.27	149	380745	42.370	ng		100
85) Di-n-octyl phthalate	20.05	149	592020	39.750	ng		97
86) Indeno(1,2,3-cd)pyrene	22.63	276	439805	34.224	ng		96
88) Benzo(b)fluoranthene	20.52	252	441664	41.565	ng		100
89) Benzo(k)fluoranthene	20.55	252	397525	39.273	ng	#	99
90) Benzo(a)pyrene	20.93	252	373762	38.612	ng		98
91) Dibenzo(a,h)anthracene	22.66	278	373651	39.480	ng		99
92) Benzo(g,h,i)perylene	23.12	276	364395	40.292	ng	#	96

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

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