Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001355.D
Acq On : 20 Dec 2019 21:13
Operator : JU
Sample : K6107-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HR-06-121819MSD

Manual Integrations APPROVED
mohammad
12/23/2019 11:56:21 AM

Quant Time: Dec 21 00:36:54 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	8.30	152	44331	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	154467	20.00	ng		0.00
39) Acenaphthene-d10	13.20	164	86431	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	162733	20.00	ng		0.00
76) Chrysene-d12	19.25	240	126849	20.00	ng		0.00
87) Perylene-d12	21.03	264	141130	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	296362	108.05	ng		0.02
7) Phenol-d6	7.76	99	403659	112.78	ng		0.01
23) Nitrobenzene-d5	9.19	82	283244	70.42	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	108412	100.33	ng		0.01
45) 2-Fluorobiphenyl	12.12	172	430690	63.01	ng		0.00
79) Terphenyl-d14	17.89	244	481869	65.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	42558	37.701	ng		96
3) Pyridine	3.45	79	110878	35.956	ng		99
4) n-Nitrosodimethylamine	3.36	42	85395	43.734	ng		92
6) Aniline	7.78	93	68716	15.251	ng	#	1
8) 2-Chlorophenol	7.97	128	119237	43.240	ng		97
9) Benzaldehyde	7.60	77	98675	39.301	ng		99
10) Phenol	7.78	94	182100	44.528	ng		83
11) bis(2-Chloroethyl)ether	7.91	93	118633	41.005	ng		97
12) 1,3-Dichlorobenzene	8.21	146	135508	39.452	ng		100
13) 1,4-Dichlorobenzene	8.33	146	138789	39.660	ng		95
14) 1,2-Dichlorobenzene	8.57	146	132093	39.622	ng		95
15) Benzyl Alcohol	8.54	79	139687	41.594	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.76	45	168796	36.839	ng		91
17) 2-Methylphenol	8.73	107	104447	42.863	ng		98
18) Hexachloroethane	9.11	117	57099	38.356	ng		90
19) n-Nitroso-di-n-propylamine	8.98	70	104942	41.302	ng		99
20) 3+4-Methylphenols	8.98	107	135675	41.958	ng		99
22) Acetophenone	8.95	105	212832	43.571	ng	#	96
24) Nitrobenzene	9.22	77	162364	41.011	ng		98
25) Isophorone	9.61	82	270095	41.760	ng		99
26) 2-Nitrophenol	9.73	139	60041	42.530	ng		97
27) 2,4-Dimethylphenol	9.83	122	100122	48.221	ng		97
28) bis(2-Chloroethoxy)methane	9.98	93	147213	38.109	ng		98
29) 2,4-Dichlorophenol	10.12	162	104226	40.540	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	119466	37.777	ng		96
31) Naphthalene	10.37	128	340992	40.441	ng		100
32) Benzoic acid	10.00	122	66667	40.579	ng	#	65
33) 4-Chloroaniline	10.47	127	29760	8.630	ng		96
34) Hexachlorobutadiene	10.60	225	78448	35.566	ng		96
35) Caprolactam	11.05	113	24822	32.447	ng	#	74
36) 4-Chloro-3-methylphenol	11.29	107	117386	39.071	ng		98
37) 2-Methylnaphthalene	11.51	142	239876	41.208	ng		98
38) 1-Methylnaphthalene	11.67	142	220617	40.313	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	122423	38.308	ng		99

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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	11.77	237	62204	39.354	ng	97
43) 2,4,6-Trichlorophenol	11.97	196	78899	40.144	ng	93
44) 2,4,5-Trichlorophenol	12.03	196	81835	40.525	ng	95
46) 1,1'-Biphenyl	12.28	154	281924	38.979	ng	99
47) 2-Chloronaphthalene	12.30	162	220255	37.669	ng	99
48) 2-Nitroaniline	12.47	65	88136	37.643	ng	95
49) Acenaphthylene	12.97	152	338772	39.634	ng	99
50) Dimethylphthalate	12.80	163	303537	42.808	ng	100
51) 2,6-Dinitrotoluene	12.88	165	55760	38.728	ng	96
52) Acenaphthene	13.26	154	197461	38.343	ng	98
53) 3-Nitroaniline	13.14	138	23652	15.305	ng	96
54) 2,4-Dinitrophenol	13.32	184	34061	61.265	ng	96
55) Dibenzofuran	13.55	168	312956	38.785	ng	98
56) 4-Nitrophenol	13.45	139	92521	83.728	ng	94
57) 2,4-Dinitrotoluene	13.54	165	77889	38.922	ng	91
58) Fluorene	14.11	166	248435	38.494	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.75	232	68521m	39.523	ng	
60) Diethylphthalate	13.97	149	263697	36.056	ng	98
61) 4-Chlorophenyl-phenylether	14.13	204	125693	37.049	ng	95
62) 4-Nitroaniline	12.47	138	69397	38.779	ng	93
63) Azobenzene	14.39	77	287694	37.365	ng	98
65) 4,6-Dinitro-2-methylphenol	14.20	198	24931	34.208	ng	97
66) n-Nitrosodiphenylamine	14.32	169	214569	41.591	ng	99
67) 4-Bromophenyl-phenylether	14.92	248	73720	38.316	ng	99
68) Hexachlorobenzene	15.01	284	81356	37.143	ng	92
69) Atrazine	15.21	200	79669	42.991	ng	99
70) Pentachlorophenol	15.32	266	99576	88.650	ng	92
71) Phenanthrene	15.64	178	383079	41.260	ng	99
72) Anthracene	15.72	178	384722	41.859	ng	99
73) Carbazole	15.97	167	323815	39.517	ng	100
74) Di-n-butylphthalate	16.52	149	415303	36.932	ng	99
75) Fluoranthene	17.35	202	432126	41.624	ng	99
77) Benzidine	17.55	184	214477	58.073	ng	99
78) Pyrene	17.66	202	430771	43.737	ng	100
80) Butylbenzylphthalate	18.55	149	174362	37.973	ng	99
81) Benzo(a)anthracene	19.24	228	389638	42.154	ng	99
82) 3,3'-Dichlorobenzidine	19.20	252	92441	28.801	ng	97
83) Chrysene	19.29	228	367938	41.240	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	258968	38.435	ng	99
85) Di-n-octyl phthalate	20.07	149	431790	38.665	ng	97
86) Indeno(1,2,3-cd)pyrene	22.67	276	395656	41.062	ng	99
88) Benzo(b)fluoranthene	20.54	252	374968	40.456	ng	99
89) Benzo(k)fluoranthene	20.57	252	349945	39.636	ng	98
90) Benzo(a)pyrene	20.96	252	339517	40.212	ng	99
91) Dibenzo(a,h)anthracene	22.70	278	330717	40.061	ng	98
92) Benzo(g,h,i)perylene	23.17	276	322914	40.935	ng	100

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

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